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MONTANA HIGHWAY DEPARTMENT

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FIELD ENGINEERING AND CONSTRUCTION

PROGRESS REPORT

ISSUED THE FIRST AND THIRD WEEK OF THE MONTH

DECEMBER 1, 1980

DOMINION OF CANADA
ALBERTA
SASKATCHEWAN
BRITISH COLUMBIA
LIBERTY
HILL
BLAINE
PHILLIPS
VALLEY
ROOSEVELT
DANIELS
SHERIDAN
RICHLAND
DAWSON
PRAIRIE
WIBAUX
GARFIELD
MCCONE
PETROLEUM
FERGUSON
JUDITH BASIN
WHEATLAND
MUSSELSHELL
GOLDEN VALLEY
TREASURE
ROSEBUD
CUSTER
FALLON
POWDER RIVER
CARTER
BIG HORN
YELLOWSTONE
STILLWATER
SWEET GRASS
GALLATIN
BROADWATER
MEAGHER
CASCADE
LEWIS AND CLARK
POWELL
GRANITE
MISSOULA
MINERAL
RAVALLI
JEFFERSON
BUTTE
SILVER BOW
DEER LODGE
BEAVERHEAD
MADISON
GLACIER
TOOLE
PONDERA
TETON
CHOUTEAU
HILL
BLAINE
LINCOLN
SOUTH DAKOTA
YELLOWSTONE NATIONAL PARK
DIVISION CONSTRUCTION SECTIONS
LEGEND
BILLINGS DIVISION HEADQUARTERS
DIVISION CONSTRUCTION SECTION BOUNDARY
Approved
Ronald P. Richards, Director
Department of Highways
MONTANA
PREPARED BY THE
STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
PLANNING AND RESEARCH BUREAU
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

MONTANA DEPARTMENT OF HIGHWAYS

MISSOULA, MONTANA

NOVEMBER 28, 1980

Montana Department of Highways
Helena, Montana 59601

Progress Report

G E N E R A L

Skies have been mostly clear during the past period. Temperatures from 10° to 42°. Highways are in fair to good driving condition.

P R E C O N S T R U C T I O N

FF 5-1(01)07, Evaro Hill
Length - 13.0 Miles

Charles Hegman, FPM
Drummond, MT

Survey crew has been reassigned to Missoula. Work will resume on the location December 1st. 216½ days have been used to date.

F 6-1(5), Thompson Falls
Length - 3.4 Miles, Preliminary Engineering

John Miner, FPM
St. Regis, MT

Work on subject project was suspended 2-29-80. Crew is assigned to various projects since 3-3-80. Cross-sectioning on project completed from Station 0+00 to Station 40+00 with cross-sectioning 22% complete.

F 7-1(9)22, Darby - North & South
Length - 17 Miles

Allan Dutton, FPM
Hamilton, MT

Location is suspended. Crew is working on construction projects.

FF 7-1(1)11, Florence - Lolo, Add 2 Lanes

Robert Lajoie, Designer III
Missoula, MT

No work on this project this past period. Personnel on other assignments. Design remains 29% complete.

FF 7-1(10)50, Victor - South
Length - 9.5 Miles

Robert Lajoie, Designer III
Missoula, MT

Preliminary Plan-In-Hand was held on November 19, 1980. Design remains 40% complete. Personnel also on other assignments.

RF 24-1(2)9, Potomac - West
Length - 4.8 Miles

Robert Lajoie, Designer III
Missoula, MT

No work on this project this past period. Personnel on other assignments. Design remains 4% complete.

RS 263-1(4)1, Mullan Road - Missoula
Length - 4.9 Miles

Robert Lajoie, Designer III
Missoula, MT

Work on subject project consisted of computation of quantities for surfacing and Additional Excavation. Design is 24% complete. Personnel also on other assignments.

S 269-1(01), State 269 - Stevensville
Length - 0.8 Miles

Robert Lajoie, Designer III
Missoula, MT

No work has been done on this project since the Preliminary P.I.H. and Public Hearing was held on Feb. 27, 1980. Design remains 40% complete. Personnel on other assignments.

C O N S T R U C T I O N

I 90-1(77)22, U-7, Drexel - East & West
Length - 5.342 Miles
Grading, Agg. Surf. PMB & Sign
Contract Let - April 27, 1978
Amount of Contract - $7,478,434.20
Work Proceed Date - May 22, 1978
Work Started - May 22, 1978

Rehbein Construction Co.
Plains, MT, Contractor
James Cyr, FPM
St. Regis, MT, Phone 649-2601
Contract Time - 300 Working Days
Completion Date - 10/27/80
Effective Opening Date - 10/18/80

The job is 100% complete. Three men have been working on notes.

I-IG 90-1(61)27, U-3, St. Regis - East & West
Structures & Detour
Dual 285 Ft. Prestressed Concrete
Girder Bridges
Amount of Contract - $2,009,230.57
Work Proceed Date - April 16, 1979
Work Started - March 6, 1979

Sletten Construction Company
Great Falls, MT, Contractor
William Maart, FPM
St. Regis, MT, Phone 649-2471
Contract Time - 240 Working Days
Completion Date - 9/26/80
Effective Opening Date - 10/18/80

The contractor completed work on the project on September 26, 1980. The crew is working on other projects.

I-IG 90-1(61)27, U-4, St. Regis - East & West
Dual 402.33 Ft. & A Dual 413.0 Ft.
Composite Steel & Concrete Girder Bridge
A Detour Road & Railroad Relocation
Amount of Contract - $2,830,789.54
Work Proceed Date - May 2, 1979
Work Started - April 18, 1979

General Construction Company
Butte, MT, Contractor
William Maart, FPM
St. Regis, MT, Phone 649-2471
Contract Let - 350 Working Days
Probable Completion Date - Aug. 1981
Effective Opening Date - _____

Contract Items percentages complete are as follows: Traffic Control - Devices - 100%; Traffic Control - Flagging - 34%; Mobilization - 100%; Concrete AD - 98%; Concrete BD - 13%; Struct. Steel - 90%; Struct. Exc. Type I - 100%; Struct. Exc. Type II - 100%; Shoring & Cribs - 100%; Test Pile-Untreated - 100%; Furnish Untreated Timber Pile - 100%; Drive Untreated Timber Pile - 100%; Steel Driving Tips - 100%; Reinforc. Steel - 60%; Bridge Drains - 18%; Protective Coat - 13%; Elastomeric Exp. Jt. - 0%; Elastomeric Bearing Dev-Fixed - 100%; Elastomeric Bearing Dev.-Exp. - 100%; Temporary Haul Bridge - 100%; & Work Bridge - 75%. Construction layout is 80%; contract time elapsed is 80%; and the contract as a whole is 80% complete. 3 engineers and 14 men are employed working 5/8 hr. shifts per week. Contractor has poured EB deck @ 406 1 spans 1,2 & 4.

I-IG 90-1(61)27, U-5, St. Regis - East & West
Dual 889.23 Ft. Composite Steel &
Cone, Girder - Bridge
Amount of Contract - $4,964,536.10
Work Proceed Date - July 27, 1979
Work Started - July 18, 1979

Sletten Construction Company
Great Falls, MT, Contractor
Larry Chezik, FPM
St. Regis, MT
Contract Time - 410 Working Days
Probable Completion Date - June 1981
Effective Opening Date - _____

Progress has been fair. The contractor worked one eight hr. shift per day, employing 12 to 16 men. Work consisted of placing concrete for the barrier on Abut. No. 1 EB & WB, cutting materials for deck forms, finishing concrete on Abut. No. 1 EB & WB, and erecting structural steel for Spans No. 5 EB & 6 WB. The project as a whole is 76% complete with 52% of the contract time elapsed.

I-IG 90-1(61)27, U-6, St. Regis - East & West
Length - 5.1 Miles
Grading, Agg. P.M. Surf. Seal & Cover
Amount of Contract - $5,074,098.62
Work Proceed Date - Sept. 24, 1979
Work Started - Sept. 17, 1979

Rehbein Contracting, Inc.
Plains, MT, Contractor
John Miner, FPM
St. Regis, MT, Phone 649-2460
Contract Time - 200 Working Days
Probable Completion Date - Dec. 1981
Effective Opening Date - _____

Only activity on project since last report consists of 3 men working part of one day on Temporary Erosion Control. The project is 95% complete with 80% of the contract time elapsed. 9 State employees are presently assigned to the project.

I 90-1(59)35, U-1, St. Regis - East
Length - 3.5 Miles, GR-Add, Surf. - PMB
Sign & Flasher Installation
Amount of Contract - $2,823,425.90
Work Proceed Date - April 18, 1977
Work Started - January 25, 1977

Washington Construction Company
Missoula, MT, Contractor
James Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 220 Working Days
Completion Date - 6/6/79
Effective Opening Date - 9/18/79

The Final Estimate has been returned to the Project Manager for correction.

I 90-1(83)35, St. Regis - East
PCCP & Related Items
Amount of Contract - $1,661,621.92
Work Proceed Date - September 15, 1978
Work Started - June 28, 1979

Northwest Construction, Inc.
Kirkland, Washington, Contractor
John Miner, FPM
St. Regis, MT, Phone 649-2460
Contract Time - 150 Working Days
Completed Date - July 15, 1980
Effective Opening Date - N/A

Crew is working on other projects.

I 90-1(57)39, U-1, Sloway - E & W
Dual 1092.0 Ft. Composite Steel & Conc.
Girder Bridges
Amount of Contract - $6,532,574.74
Work Proceed Date - October 26, 1979
Work Started - October 26, 1979

Sletten Construction Company
Great Falls, MT, Contractor
William Maart, FPM
St. Regis, MT, Phone 649-2471
Contract Time - 410 Working Days
Probable Completion Date - Nov. 1981
Effective Opening Date - _____

The contractor has poured the octagon column on Pier 4 EB and the rectangular column as well. Backfilling is near complete and they will begin pulling the cofferdam at Pier 4 EB this week. The cap at Pier 6 EB will be poured this week. The cap at Pier 4 WB is complete and stripping of the forms will be next week. Contract Items complete are: Traffic Control - Devices - 47%; Mobilization - 60%; Concrete-Class AD - 85%; Struct. Exc. TY 1 - 95%; Struct. Exc. TY 2 - 97%; Shoring & Cribs - 99%; Work Bridge - 75%; & Bridge Survey Controls - 40%. Construction layout is 70% complete; 39% of the contract time has elapsed; and the contract as a whole is 35% complete. 2 engineers and 10 men are employed working 5/8 hr. shifts per week.

I 90-1(57)39, U-2, Sloway - E & W
Dual 1214.0 Ft. Composite Steel & Conc.
Girder Bridges & 1.6 Miles Grading Agg.
Surf. & PM Bit. Surf.
Amount of Contract - $9,917,560.79
Work Proceed Date - April 16, 1980
Work Started - January 15, 1980

Sletten Construction Company
Great Falls, MT, Contractor
George Roat, FPM
Alberton, MT
Contract Time - 450 Working Days
Probable Completion Date - Oct. 1981
Effective Opening Date - _____

Work during the past weeks has consisted of setting 2 lines of structural steel on spans 1,2, 3 & 4 EB, pumping the cofferdam, cutting off the piling, cleaning the seal and forming the footing at Pier 7 EB. The contractor has approx. 14 men working 2/9 hr. shifts per week when weather permits. They have been excavating from Sta. 910+ to 960+, fencing and placing pipe and concrete chutes. The State has 6 men doing construction layout, and inspection duties. Contract time elapsed is 32%; construction layout is 40% complete; and the contract as a whole is 45% complete. 3 engineers and 12 men are employed working 5/8 hr. shifts per week.

I 90-1(57)39, U-3, Sloway - E & W
460.0 Ft. Composite Steel & Conc.
Girder Bridge
Amount of Contract - $1,087,699.06
Work Proceed Date - July 29, 1980
Work Started - October 6, 1980

Morgen & Oswood Construction Co., Inc
Great Falls, MT, Contractor
William Maart, FPM
St. Regis, MT, Phone 649-2471
Contract Time - 200 Working Days
Probable Completion Date - Nov. 1982
Effective Opening Date - _____

Contractor driving sheets on Pier #2 and will be excavating within the next 2 weeks. Work Bridge is 10% complete; Bridge Survey Controls 40% complete. Construction layout is 70% complete; 18% of the contract time has elapsed; and the contract is 1 1/2% complete. 2 engineers and 10 men are employed working 5/8 hr. shifts per week.

IR 90-1(88)39, U-1
Replacement of Sliding Plate
Expansion Joints
Amount of Contract - $376,873.00
Work Proceed Date - June 4, 1979

Inland Asphalt Company
Spokane, Washington, Contractor
Cliff Neiffer, FPM
Completion Date - 10/28/80
Effective Opening Date - N/A

Project was completed October 28, 1980. The Final Estimate has been completed and has been turned into the Glendive Division Office on 11-21-80 where final checking will be done.

I-IG 90-1(67)64, U-1, Tarkio - East
867 Ft. Composite Steel &
Concrete Girder Bridges
Amount of Contract - $2,589,729.30
Work Proceed Date - April 16, 1979
Work Started - March 9, 1979

Sletten Construction Company
Great Falls, MT, Contractor
Jack Silvey, FPM
Alberton, MT, Phone 722-4961
Contract Time - 280 Working Days
Probable Completion Date - Nov. 1980
Effective Opening Date - _____

There has been no change in status of this project during the past two weeks. The project is 99% complete; with 92% of the contract time elapsed. Construction layout is 100% complete with one engineer engaged on the project.

I-IG 90-1(67)64, U-2, Tarkio - East
781.0 Ft. Composite Steel &
Concrete Girder Bridges
Amount of Contract - $2,460,638.15
Work Proceed Date - April 16, 1979
Work Started - March 13, 1979

Sletten Construction Company
Great Falls, MT, Contractor
Ray Hoffman, FPM
Alberton, MT, Phone 722-4961
Contract Time - 300 Working Days
Probable Completion Date - Dec. 1980
Effective Opening Date - _____

Work during the past weeks has been very slow. Finishers have been working on the deck slab, and touching up different areas on columns and backwalls. The contractor has removed all of his concrete batch plant, with some cleanup remaining. Final inspection was made on November 25. The contractor has a few items of work to complete, before final acceptance is made. Construction layout is 97% complete; contract time elapsed is 94%; and the contract is 100% complete. 2 engineers and 4 men are employed working 5/1-8 hr. shifts per week.

I-IG 90-1(67)64, U-3, Tarkio - East
329.0' Bridge, 142.25' Bridge &
199.5' Bridge Approaches
Amount of Contract - $1,050,075.80
Work Proceed Date - September 25, 1979
Work Started - November 14, 1979

General Construction Company
Butte, MT, Contractor
Albert W. Bonner, FPM
Contract Time - 195 Working Days
Probable Completion Date - July 1981
Effective Opening Date - _____

There has been minor clean up work underway for the past two weeks. The construction layout is 78% complete; contract time elapsed is 72%; and the contract as a whole is 75% complete. 2 engineers are employed.

I-IG 90-1(67)64, U-4, Tarkio - East
447.5 Composite Steel Girder Overpass
Amount of Contract - $785,234.94
Work Proceed Date - October 26, 1979
Work Started - October 16, 1979

Sletten Construction Company
Great Falls, MT, Contractor
Jack Silvey, FMP
Alberton, MT, Phone 722-4961
Contract Time - 180 Working Days
Probable Completion Date - Nov. 1980
Effective Opening Date - _____

The contractor is engaged in concrete finishing work and general cleanup work. Contract time elapsed is 73% complete; and the contract as a whole is 98% complete.

I-IG 90-1(67)64, U-5, Tarkio - East
IR 90-2(68)80, Huson - West
Length - 12.8 Miles
Grading, Agg. Surf. P.M. Overlay
Amount of Contract - $6,786,472.47
Work Proceed Date - April 16, 1980
Work Started - March 12, 1980

Rehbein Contracting, Inc.
Plains, MT, Contractor
Jerry Tahija, FPM
Alberton, MT, Phone 722-4961
Contract Time - 250 Working Days
Probable Completion Date - Sept. 1981
Effective Opening Date - _____

The contractor was hauling borrow from Sta. 790+ and placing it at Sta. 607 - 700+. The crusher is producing 1 1/2" CBC Type A, Grade 5 and stockpiling the material. Contract time elapsed is 49%; contract is 35% complete. 13 engineers and 54 men are employed working 10/8 hr. shifts per week.

IR 90-1(70)76, Alberton - East
I 90-2(51)78, U-1, Huson - West
Length - 6.0 Miles
Grading, Agg. Surf. P.M. Fencing
Amount of Contract - $2,796,608.96
Work Proceed Date - April 17, 1978
Work Started - February 21, 1978

Hilde Construction Company
Great Falls, MT, Contractor
Jerry Tahija, FPM
Alberton, MT, Phone 722-4961
Contract Time - 180 Working Days
Completion Date - 6/27/79
Effective Opening Date - 5/18/79

One engineering personnel is working on final quantities.

IR 90-3(47)152, Drummond - East
Length - 12.3 Miles
Plant Mix Overlay
Amount of Contract - $2,723,002.29
Work Proceed Date - August 24, 1979
Work Started - October 11, 1979

Meyer Construction Company
Billings, MT, Contractor
Charles Hegman, FPM
Drummond, MT, Phone 288-3517
Contract Time - 120 Working Days
Probable Completion Date - May 1981
Effective Opening Date - N/A

There is no change in any items since the last report. There are no State employees working on the project at the time. The contractor remains on a shut down basis. Construction layout is 95% complete; 83% of the contract time has elapsed; and the contract as a whole is 87% complete.

HES 5-1(3)13, HES 5-2(12)20,
HES 5-2(11)27, & HES 7-1(17)76
Safety Improvements
Amount of Contract - $184,883.35
Work Proceed Date - July 27, 1979
Work Started - August 28, 1979

Rehbein Contracting, Inc.
Plains, MT, Contractor
Jim Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 60 Working Days
Completion Date - 6/17/80

The contractor completed the project. Crew on other projects.

F 7-1(8)38, Charlos Heights - North
Length - 4.5 Miles
Grade, P.M. Surf. Seal & Cover
Amount of Contract - $1,878,876.75
Work Proceed Date - July 22, 1980
Work Started - July 29, 1980

Hilde Construction, Inc.
Great Falls, MT, Contractor
Allan Dutton, FPM
Hamilton, MT, Phone 363-4420
Contract Time - 150 Working Days
Probable Completion Date - Nov. 1981

The contractor had approximately 50 men working ten 10-hour shifts per week. Excavation from the cut at Station 604 was being placed in the vicinity of Station 430. This work is 95% complete. The only pipes remaining to be installed are the arch pipes at Camas Creek and the Ward Canal Fencing work is 97% complete. The contractor shut down for the winter on November 21, 1980. The construction layout is 61% complete; contract time elapsed is 29% and the contract as a whole is 52% complete. 7 engineers are engaged.

FF 7-1(2)46, U-1, Hamilton - North
55 Ft. Concrete Girder Bridge &
Detour
Amount of Contract - $363,507.70
Work Proceed Date - April 16, 1979
Work Started - March 19, 1979

Frontier-West, Inc.
Missoula, MT, Contractor
Allan Dutton, FPM
Hamilton, MT, Phone 363-4420
Contract Time - 150 Working Days
Completion Date - May 15, 1980
Effective Opening Date - N/A

The Final Estimate has been returned to the field for checking.

FF 7-1(2)46, U-2, Hamilton - North
Length - 1.7 Miles
Grade, Agg. Surf. & PMS
Amount of Contract - $1,343,518.64
Work Proceed Date - April 16, 1980
Work Started - February 20, 1980

Clark Brothers, Contractors
Victor, MT, Contractor
Allan Dutton, FPM
Hamilton, MT, Phone 363-4420
Contract Time - 120 Working Days
Probable Completion Date - Nov. 1980
Effective Opening Date - N/A

There has been no work on the project during the past two weeks. Construction layout is 99% complete; contract time elapsed is 100%; and the contract as a whole is 97% complete. 1 engineer and 1 man are employed.

RS-DP 224(14), U-2, Reserve Street
Length - 148 Ft. Concrete Girder Overpass
Over C.M. St. P. & P. Railroad Approaches
& Fencing
Amount of Contract - $360,910.77
Contract Awarded - May 2, 1977
Contract Let - April 28, 1977
Work Proceed Date - May 23, 1977

General Construction Company
Butte, MT, Contractor
Chuck Hegman, FPM
Jack Silvey, FPM
Alberton, MT, Phone 722-4961
Contract Time - 105 Working Days
Completion Date - 7/6/79
Effective Opening Date - 6/15/79

The Final Estimate has been forwarded to Glendive for checking.

RS-DP 224(14), U-3, Reserve Street
Length - 331.14 Ft. Prestressed Concrete
Girder Bridge
Amount of Contract - $635,990.40
Contract Let - October 27, 1977
Work Proceed Date - April 27, 1978
Work Started - November 22, 1977

Sletten Construction Company
Great Falls, MT, Contractor
Jack Silvey, FPM
Missoula, MT, Phone 549-6491
Completion Date - October 6, 1978
Effective Opening Date - 6/15/79

The Final Estimate is still in the field.

RS-DP 224(14), U-4, Reserve Street
Length - 1.3 Miles
Grade, Agg. Surf. CTB, Concrete
Paving & Traffic Control
Amount of Contract - $1,569,222.20
Work Proceed Date - April 21, 1978
Work Started - April 21, 1978

Peter Kiewit Sons' Company
Billings, MT, Contractor
Charles Hegman, FPM
Drummond, MT, Phone 288-3517
Contract Time - 140 Working Days
Completion Date - 11/26/79
Effective Opening Date - 6/15/79

The Final Estimate has been forwarded to Lewistown for checking.

RS-TQS 348-1(2)7, Philipsburg - West
Length - 6.8 Miles
P.M. Base Signing, Seal & Cover
Contract Let - May 22, 1980
Work Proceed Date - June 17, 1980
Work Started - September 8, 1980

Charles Hegman, FPM
Drummond, MT, Phone 288-2517
Contract Time - 90 Working Days
Probable Completion Date - May 1981
Effective Opening Date - N/A

3/4" Top Surfacing is 100% complete; 1" Plant Mix Base is 100% complete; Motor Grader Time is 90% complete; Riprap - Class 1 Random is 100% complete; Guard Rail is 80% complete; Revise Bridge Rail is 100% complete; Signing is 100% complete; Striping is 100% complete. At the present time the project is on a winter shut down. Work remaining is the Guard Rail End Anchors, Delineation & Seal & Chip operations. Construction layout is 90% complete; 61% of the contract time has elapsed; and the contract is 90% complete. 3 engineers are employed working 1/8 hr. shift per week.

M 8105(4), U-2, Intersection of 3rd & Russell
Traffic Signals, Signing Street Widening
Surfacing & Lengthen Conc. Box
Contract Let - May 30, 1979
Amount of Contract - $369,304.05
Work Proceed Date - June 29, 1979
Work Started - October 29, 1979

American Asphalt, Inc.
Missoula, MT, Contractor
James Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 80 Working Days
Probable Completion Date - Oct. 1980
Effective Opening Date - N/A

The project is complete with the exception of one luminaire not working properly. Construction layout is 100% complete; 80% of the contract time has elapsed; and the contract as a whole is 99% complete. 0-2 engineers are employed working on the project.

M 8117(1), Intersection of Higgins & South
Installation of Traffic Signals, Inter-
Section Improvements & Landscaping
Contract Let - December 14, 1978
Amount of Contract - $105,102.59
Work Proceed Date - April 16, 1979
Work Started - October 3, 1979

Livesay Traffic Maintenance, Inc.
Great Falls, MT, Contractor
James Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 45 Working Days
Probable Completion Date - May 1981
Effective Opening Date - N/A

As soon as the landscaping is completed and acceptable the project will be complete. 3 men are employed. Construction layout is 99% complete; 96% of the contract time has elapsed; and the contract as a whole is 99% complete.

M 8199(7), U-1, Int. of Russell & 39th St.
Traffic Signals & Signing
Amount of Contract - $145,080.91
Work Proceed Date - April 16, 1980
Work Started - April 24, 1980

Livesay Traffic Maintenance, Inc.
Great Falls, MT, Contractor
James Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 45 Working Days
Completion Date - 9/12/80
Effective Opening Date - N/A

Crew is working on other projects.

M 8199(8), Signal Update - Missoula
Signal Revision
Contract Let - May 22, 1980
Amount of Contract - $12,250.00
Work Proceed Date - June 17, 1980
Work Started - June 10, 1980

Livesay Traffic Maintenance, Inc.
Great Falls, MT, Contractor
James Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 30 Working Days
Completion Date - Aug. 7, 1980
Effective Opening Date - N/A

The Final Estimate was submitted to the Division Office on November 26, 1980.

SMP 2099-80, Crushing & Stockpiling
from six crusher operations in Granite, Lake
Mineral, Missoula, and Sanders Counties
Contract Let - January 31, 1980
Contract Awarded - February 4, 1980
Work Proceed Date - February 25, 1980

Washington Construction Company
Missoula, MT, Contractor
Robert Todd, Materials Supervisor
Contract Time - 100 Working Days
Completion Date - 10/31/ 80

Contractor completed project on October 31, 1980, with 92% of the contract time elapsed. One engineer is currently working on Final.

For- Willard C. Neighbors
BEN C. MILLER, SUPERVISOR
DIVISION CONSTRUCTION SECTION

BCM: WN: cdj

cc: Division File

DEPARTMENT OF HIGHWAYS

KALISPELL, MONTANA

NOVEMBER 28, 1980

Department of Highways
Helena, Montana 59620

Progress Report

Gentlemen:

The following is a report on pre-construction and construction activities in area 1230 for the period ending November 28, 1980.

G E N E R A L

Progress has been fair to good. Weather has been mostly clear with two days of light precipitation, and average temperatures throughout the period. Very light snow to date. Day time temperatures ranged from +28° to +45° with night temperatures from +13° to +34°. Highways are in average late fall driving condition.

P R E - C O N S T R U C T I O N

F-1-1(02) Libby - Kalispell
Elk Hill-Lion Springs Safety
Length - 2.8 Miles
Design Started - April 5, 1977

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - January 15, 1981

There has been no work on design the past period. Field work on the line change will begin as soon as personnel become available. One hundred thirteen man days have been used to date on design, which is approximately 36% complete.

F-1-1(5) East of Troy
Weigh Station
Scheduled for March, 1981 Letting

Ken Chrisinger, Field Project Mgr.
Kalispell, Montana 59901
Phone: 752-1160

Utilities
Northern Lights finished the power portion of the project on September 26, 1980.

General Telephone - Agreement has been processed and was forwarded to FHWA for approval. All material is in Libby and work will start as soon as authorized.

F-1-2(3)148 Unit 2 & LSF-1-275(5)
Coram - West Glacier Section
Length - 3.7 Miles

Gene Piedalue, Field Project Mgr.
Hot Springs, Montana 59845
Phone: 741-3327

Due to adverse court decision, all field work has been suspended until further notice. The Burlington Northern completed painting on the West Glacier Underpass November 3, 1980. One engineer has been reassigned to other projects.

F-1-2(1)142 & LSF-1-275(5)
Hungry Horse - Coram Section
Scheduled for March 1981 Letting

Gene Piedalue, Field Project Mgr.
Hot Springs, Montana 59845
Phone: 741-3327

Due to adverse court decision, all field work has been suspended until further notice. No utility work has been performed to date.

F-5-4(1) Stryker - Roosville
Length - 7.8 Miles
Design Started - May 6, 1977

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

A revised earthwork run has been received. Further work will resume as time permits. One hundred ninety five man days have been used to date on design, which is approximately 19% complete.

RS-548-1(1)0 West Reserve Drive
Length - 2.2 Miles
Design Started - June 22, 1974

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717

There has been no work on design the past period. One hundred fourteen man days have been used to date on design which is approximately 26% complete.

F-5-2(03)86 Flathead County Line-South
Length - 7.5 Miles
Agreement Approved - July 16, 1979

Design - Alpha Engineers, Inc.
Butte, Montana 59701
Est. Comp. Date - Pending

No report from designers. A three to four member state crew worked 2½ days the past period, running a line projection between stations 1590 & 1640. The design is approximately 62% complete.

F-5-2(5) Elmo - Rollins
Length - 5.5 Miles
Survey Authorized - July 6, 1977
Ground Control Survey Started - Aug. 29, 1977
Design Started - March 29, 1979

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Jan. 15, 1981

F-5-2(5) Elmo - Rollins (continued)

A three to four man crew worked 3 days the past period surveying proposed drain ditches through the Silver Salmon Shores subdivision and flagging possible archaeological and historical sites throughout the project. Eight man days were worked the past period on drain ditch design. Two hundred seven man days have been used to date on design, which is approximately 68% complete.

HES 1-2(17)124 & HES 5-3(3)109
Br. End Treatment U.S. 2 East and
Intersection Improvement 1 Mile
So. Kalispell U.S. 93
Length 0.3 Miles
Scheduled for December 12, 1980 Letting

Personnel Unassigned

No construction layout performed to date.

F-5-3(5) 112 Kalispell Main St.-6th to Center
Length - 0.4 Miles
Survey Authorized - Aug. 14, 1979
Design Started - August 17, 1979

Design - Thomas, Dean & Hoskins
3 Sunset Plaza
Kalispell, Montana 59901
Est. Comp. Date - Dec. 1, 1980

Final Plan-In-Hand report has been submittef for concurrence. The design is approximately 91% complete.

FH-1-2(1) Troy - Libby
Length - 17.1 Miles
Survey Authorized - May 25, 1977
Location Survey Started - Sept. 2, 1977

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Comp. Date - Pending

One man is checking and working on the hardshell as time permits.

F-52-1(1) 11 Blue Bay Erosion Control
Length - 2.5 Miles (approx. 12 intermittent locations)
Survey Authorized - November 27, 1979
Survey & Design Started - Dec. 7, 1979

Design - Thomas, Dean & Hoskins
3 Sunset Plaza
Kalispell, Montana 59901
Est. Comp. Date - Nov. 6, 1980

The preliminary plan-in-hand was held November 13, 1980. The contract is approximately 60% complete.

RS 211-1(1)0
Round Butte Road Railroad Crossing
Length - N/A
Design Started - Nov. 20, 1980

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Dec. 31, 1980

Two men worked five man days the past period acquiring field data and beginning the design of improvement of the grade at a double track railroad crossing. Design is approximately 20% complete.

RS-352-1(1)0 Dayton - Lake Mary Ronan
Length - 0.6 Miles
Survey Authorized - March 14, 1980
Survey Started - March 17, 1980
Survey Completed - March 28, 1980
Design Started - March 17, 1980

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Jan. 15, 1981

There has been no work on design the past period. Forty eight man days have been used to date on design, which is approximately 75% complete.

RS-382-1(1) Perma - North
Length - 2.8 Miles
Survey Authorized - Oct. 4, 1979
Location Survey Started - Jan. 2, 1980

Gene Piedalue, Field Project Mgr.
Hot Springs, Montana 59845
Phone: 741-3327
Est. Comp. Date - Jan. 15, 1981

A two to four member crew worked the past period locating section corners. The survey is approximately 75% complete.

RS-486-1(3)0 & F38-1(4)4 U-1
Nucleus Avenue & Col. Falls E & W
Length - 0.6 Miles
Scheduled for Jan., 1981 Letting

Gerald Roat, Field Project Mgr.
Kalispell, Montana 59901
Phone: 755-5717

Utilities

Pacific Power & Light - All revisions completed on April 18, 1980.

Northwestern Telephone Systems - Harp Line Constructors Co., contractor for Northwestern Tel. Systems, began work on Oct. 13, 1980. Work consisted of five conduit crossings of PTW & direct burial of main telephone cable between stations 375 and 405 on F38-1(4)4 U-1. Northwestern Telephone began their re-connect work on Oct. 29, 1980 and is expected to take until Dec. 20th. Three men are working on re-connect and all items should be completed by Dec. 31, 1980.

Montana Power Co. - Montana Power began their natural gas line re-location on Oct. 21, 1980. Work consisted of lowering a 8 inch main crossing at Sta. 8+43 on Proj. RS-486-1(3)0. Work is now completed as trench patching was done Nov. 10, 1980.

One State inspector is assigned as needed.

M6701(1) Meridian Road
Between U.S. 2 and U.S. 93
Length - 1.2 Miles
Survey Authorized - February 21, 1975
Survey Started - November 20, 1979

Ray Munsinger, Field Project Mgr.
Kalispell, Montana 59901
Phone: 257-6567
Est. Comp. Date - Pending

The crew has been assigned to other projects and this survey will resume in the near future. One hundred twenty four man days have been used to date with the location approximately 40% complete.

C O N S T R U C T I O N

TQF-1-2(1) 148 Unit 1 Coram - West Glacier
Clearing & Grubbing
Length - 3.7 Miles
Contract Let - June 28, 1979
Contract Awarded - July 24, 1979
Contract Amount - $167,540.00
Proceed Order - August 14, 1979
Work Started - August 6, 1979

Rock, Inc.
P.O. Box 2368
Great Falls, Montana 59403
Gene Piedalue, Field Project Mgr.
Hot Springs, Montana 59845
Phone: 741-3327
Contract Time - 50 Working Days
Project Completed - April 18, 1980
Effective Opening Date - N/A

The final was submitted to Division Office, September 15, 1980 and will be checked as time permits. It will be submitted to Helena about December 5, 1980.

TQX-5-2(4)59 U.S. 93 - Polson
Safety Improvement
Length - 1.8 Miles
Contract Let - October 25, 1979
Contract Awarded - October 31, 1979
Contract Amount - $188,266.00
Proceed Order - April 15, 1980
Work Started - May 1, 1980

Midland Electric
Billings, Montana
Dan Tombrink, Civil Eng. III
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 60 Working Days
Comp. Date - September 17, 1980
Effective Opening Date - N/A

No progress on final the past period as personnel are assigned to other projects.

F-5-2(13)61 Lighting-Inters. U.S. 93
& Rocky Point Road - 1 Mile N. of Polson
Length - N/A
Contract Let - February 28, 1980
Contract Awarded - February 29, 1980
Contract Amount - $7,061.00
Proceed Order - April 16, 1980 (See Spec. Prov.)
Work Started - May 8, 1980

Midland Electric
Billings, Montana
Dan Tombrink, Civil Eng. III
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 20 Working Days
Comp. Date - July 29, 1980
Effective Opening Date - N/A

One man worked 1½ days on notes and the final the past period. The final should be submitted to the Division Office about Dec. 12, 1980.

F-5-2(14)47 H & N St. U.S. 93 - Ronan
Curb & Gutter and Traffic Control Devices
Lenth - N/A
Contract Let - November 29, 1979
Contract Awarded - December 6, 1979
Contract Amount - $71,318.50
Proceed Order - April 16, 1980
Work Started - June 10, 1980

Pacemaker Industries, Inc.
Spokane, Washington
Dan Tombrink, Civil Eng. III
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 45 Working Days
Comp. Date - Sept. 23, 1980
Effective Opening Date - N/A

No work on the final due to personnel working on other projects.

RS-TQS-DP 206-1(2)4 Half Moon South Grade, Gravel, Pl. Mix Bit. Surf. Seal Cover, Signing
Length - 4.6 Miles
Contract Let - June 28, 1979
Contract Awarded - July 6, 1979
Contract Amount - $2,607,211.12
Proceed Order - July 27, 1979
Work Started - August 14, 1979

Mcintyre Construction Co.
Great Falls,Montana 59403
Gerald Roat, Field Project Mgr.
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 160 Working Days
Comp. Date - September 24, 1980
Effective Opening Date - Aug. 27, 1980

One to three engineers worked twelve man days this past two weeks on the final and supporting data. Tentative submittal to the Division office is Jan. 1, 1981.

HES-5-3(4)115 West Reserve - U.S. 93 Intersection Improvement
Length - 0.3 Miles
Contract Let - April 3, 1980
Contract Awarded - April 5, 1980
Contract Amount - $114,805.34
Proceed Order - April 28, 1980
Work Started - April 30, 1980

Pack & Company
Kalispell, Montana 59901
Ken Chrisinger, Field Project Mgr.
Kalispell, Montana 59901
Phone: 752-1160
Contract Time - 45 Working Days
Prob. Comp. Date - Dec. 31, 1980
Effective Opening Date - N/A

The remaining work consists of the installation of two luminaire standards which will be accomplished as soon as they arrive; which is now slated for the middle of December. The project is 96% complete, with 73% of the contract time expired. Construction layout is complete with one engineering personnel working on final notes as time permits.

M6799(7) & F-1-2(11)120 Kalispell Storm Drain & Idaho St. Overlay
Length - 2.1 Miles
Contract Let - June 19, 1980
Contract Awarded - July 1, 1980
Contract Amount - $2,730,125.40
Proceed Order - July 22, 1980
Work Started - July 22, 1980

Peter Kiewit Sons' Co.
P.O. Box 20036
Billings, Montana 59401
Ray Munsinger, Field Project Mgr.
Kalispell, Montana 59901
Phone: 257-6567
Contract Time - 180 Working Days
Est.Comp. Date - July 1, 1981

Progress has been fair the past 2 weeks. Plant mix surfacing is complete with the exception of five blocks trench replacement and Sylvan Drive, which will be done next year. Storm drain line is complete with the exception of three blocks of stub line which they expect to finish this year.

Contractor is doing clean up and small jobs getting ready for winter shut down.

The contractor and sub-contractors are working five to eight hour shifts with approximately fifty personnel.

The projects are approximately 75% completed with 42% of contract time elapsed (Including C.O. extensions). Construction layout is approximately 75% complete with fifteen State personnel assigned.

SMP2799-80 Maintenance Crushing
7 Stockpiles in Lincoln & Sanders Counties
Contract Let - January 31, 1980
Contract Awarded - February 4, 1980
Contract Amount - $222,070.00
Proceed Order - February 25, 1980
Work Started - March 29, 1980

Konitz, Contracting Co.
Lewistown, Montana 59457
Gary Marin, Materials Supv.
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 90 Working Days
Comp. Date - November 5, 1980

The seeding was completed and the Certificate of Completion issued effective Nov. 5, 1980. The final is being checked as time permits and should be submitted to Helena about Dec. 5, 1980.

SMP 2499-80 Maintenance Crushing
3 Stockpiles in Lake & Lincoln Counties
Scheduled for December 12, 1980 Letting

Gary Marin, Materials Supv.
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 50 Working Days

Pit sites are marked for bidders' inspection.

Howard C. Stockwell
FOR For Thomas J. Barnard, P.E.
Supv. Div. Const. Section

TJB/HS/ss

DEPARTMENT OF HIGHWAYS

Butte, Montana

November 27, 1980

Department of Highways
Helena, Montana

Gentlemen:

The following report covers Construction and Preconstruction Operations in Division 2130 for the period ending November 25, 1980. The weather has been mild with snow showers and temperatures ranging from -5^{o} to $+43^{o}$.

P R E C O N S T R U C T I O N

RF 8-1(4)34
Avon-Elliston
Location Survey
12.1 Miles
Powell County

Claude Flynn, Manager
Field Project
Butte, MT - Tel. 494-2723
Estimated Completion Date:
Unknown

There will be no work on this project until the Fall of 1980. Centerline run is 67% complete. Cross sections are 60% complete. Topography is 67% complete. Plan plotted is 52% complete. Project as a whole is 48% complete.

I 15-3(11)143
Elk Park Bernice
Location Survey
10.2 Miles
Jefferson County

Alpha Engineers Montana Inc.
Butte, MT
Probable Completion Date:
December 19, 1980

No report received. Additional survey work authorized on October 23, 1980 consists of staking the revised access road alignment and referencing control points.

I 15-3(12)150 P. E.
Bernice-Basin
Design
7.1 Miles
Jefferson County

Morrison-Maierle, Inc.
Helena, MT
Probable Completion Date:
Dec. 31, 1980

STRUCTURES:
No progress this period. Awaiting comments on submitted preliminaries and approvals with comments from preliminary P.I.H. on Structures P613,P617 and P627.

ROAD
Inventoried existing signs in field and drafted same on mylars. Continued computing R/W areas. Met in field with Ralph Boland on Nov. 5th. and set stakes and lath for bank catches of proposed Indian Head channel change. Compiled and transmitted all field notes and other info to M.D.O.H. for use in survey work required to complete design. Met in field with Mr. Sodja, Grant & Flynn on Nov. 14th. to review staking of proposed Indian Head channel change. Delivered additional info for Mr. Rapp as requested at Nov. 13th. meeting. Continued with FPIH revisions. Project as a whole is 64% complete.

S 34(4)Section 2
Jackson-North
Design
7.566 Miles
Beaverhead County

Raymond M. Grant
Designer III
Butte, MT
Estimated Completion Date:
Unknown

The design of this project has been temporarily suspended to complete the design work on other projects. Plotting the mylar and profile, plotting and inking the cross-sections, tracing the plan and profile linens and laying and computing the grades are all 100% complete. The design remains 22% complete with 164 man days.

RS 276-1(1)0
Browns Gulch Road
Design
8.0 Miles
Silver Bow County

Raymond G. Grant
Designer III
Butte, MT
Estimated Completion Date:
Unknown

No work the past period. All data was sent to Helena on October 28, 1980 to be used in making a contour map of the project. The location survey is 93% complete with 207 mandays used to date.

RS 284-2(1)
Canyon Ferry S. E.
location Survey
2.7 Miles
Lewis & Clark County

Carl Engstedt, E.T.3
Helena, MT
Estimated Completion Date:
December 5, 1980

No work the past period. This survey is now complete except for some more work on the bridge situation sheets.

M 0299(4)
Anaconda Urban Street
Design
1.302 Miles
Deer Lodge County

Raymond M. Grant
Designer III
Butte, MT
Est. Completion Date: Unknown

No work was done on the project this period. The location survey remains 91% complete with 400 man days used to date.

SR 359-2(1)6
Cardwell-Harrison
Overlay
Madison County
8.998 Miles

Raymond M. Grant
Designer III
Butte, MT
Estimated Completion Date:
December 12, 1980

Work for the period consisted of checking and revising Detail linens of the Guardrail placement at the sharp curve near Cardwell of the installation of the new R. R. crossing near Cardwell. Preparation of surfacing, add. surfacing, subcut exc., general items and pavement removal remains 95% complete. Inking of detail and summary sheet is 35% complete. Design as a whole remains 65% complete. A three man crew expended 1 manday for a total of 69 mandays used to date.

RS 393-1(2)
Basin Creek Road
Design
2.85 Miles
Silver-Bow County

Raymond M. Grant
Designer III
Butte, MT
Estimated Completion Date:
Feb. 8, 1981

Design work on the project as a whole is 54% complete. Design work on the project has been suspended until the county of Butte-Silver Bow re-evaluates their road building priorities.

S 549-1(1)0
Whitehall-Jefferson Island
Design
3.920 Miles
Jefferson & Madison Counties

Raymond M. Grant
Designer III
Butte, MT
Probable Completion Date:
Unknown

It is anticipated that design work will resume on the project when the topography has been undated. The mylar and profile plotted, the plan and profile linens traced and the cross-sections plotted and inked are all 100% complete. Design remains 10% complete with 40 man days used to date.

M 5807(1)
M 5807(2)
M 5815(1)
Last Chance G/Neill to Lyndale Ave.
Last Chance G/Lyndale to Montana Ave.
Cruse Ave. 6th. to Lawrence
Location & Design
1.8 Miles
Lewis & Clark County

City of Helena
Helena, MT
Probable Completion Date:
April 3, 1981

Completed draft Chapter 4 "Probable Impact" proceeding with in-house review. Started Alternate Comparison Summary - Chapter 5. Project as a whole is 70% complete.

BR 9022(8)
Boulder River Bridge
Location Survey
0.24 Miles
Jefferson County

Raymond M. Grant
Designer III
Butte, MT - Tel. 494-2723
Probable Completion Date:
Unknown

There was no work on the Project during the past period. Plotting, checking and inking of the profile is 100% complete. Drawing of the hardshell and Form HYD 1 is 100% complete. Plotting, checking and inking of the cross sections is 65% complete. The Bridge Situation Sheet (Form HYD 1) and other pertinent data was sent to Helena on October 15, 1980. A total of 97 mandays have been used on the location survey.

CONSTRUCTION

I 000B(2)U-6
Erosion Control on Divide
North & South
13.852 Miles
Silver-Bow County
Contract Let: Aug. 23, 1979
Bid Price: $357,657.39
Work Started: Sept. 9, 1979

Swan & Sons Constr., Inc.
Anaconda, MT
George Buckman, Manager
Field Project
Butte, MT - Tel. 494-4172
Contract Time: 50 Working Days
Completion Date:
July 14, 1980
Effective Opening Date: N/A

Final Inspection & Acceptance July 14, 1980. It is estimated that final data will be submitted to Helena on May 22, 1981.

I 000B(2)U-7
Cliff Benson Pit Reclamation
0.00 Miles
Powell County
Contract Let: May 28, 1980
Bid Price: $21,489.10
Work Started: June 19, 1980

Triangle Const. & Engineering
Anaconda, MT
George Buckman, Manager
Field Project
Butte, MT - Tel. 494-4172
Contract Time: 30 Working Days
Completion Date
September 26, 1980
Effective Opening Date: N/A

Final Inspection and Acceptance Nov. 7, 1980. It is estimated that Final Data will be sent to Helena on April 10, 1981.

F 8-2(17)44
Signal Modification - Int. of
Montana Ave., with 11th. Ave. & Prospect Ave.
0.00 Miles Helena
Lewis & Clark County
Contract Let: May 3, 1979
Bid Price: $41,030.00
Work Started: March 24, 1980

Pacemaker Industries, Inc.
Spokane, Wash.
Carl Engstedt, E. T. 3
Helena, MT - Tel. 449-3031
Contract Time: 30 Working Days
Completion Date:
Sept. 17, 1980
Effective Opening Date: N/A

Final Data is in Division Office, but checking has not started. It is estimated that Final Data will be submitted to Helena on March 20, 1981.

F 8-2(18)45
Intersection Improvement, 11th. Ave. & Fee St.,
0.00 Miles Helena
Lewis & Clark County
Contract Let: May 3, 1979
Bid Price: $119,573.00
Work Started: Oct. 1, 1979

Skinner Enterprises
Helena, MT
Carl Engstedt, E.T. 3
Helena, MT - Tel. 449-3031
Contract Time: 30 Working Days
July 9, 1980: Completion Date.
Effective Opening Date: N/A

Final Inspection & Acceptance July 16, 1980. It is estimated that final data will be submitted to Helena on March 6, 1981.

F 8-4(1)77 U-1
Plant Mix Overlay - Townsend-Toston
9.7 Miles
Broadwater County
Contract Let: Sept. 29, 1977
Bid Price: $643,415.70
Work Started: Oct. 4, 1978

Meyer Const., Co.
Billings, MT
Jack Erickson, Manager
Field Project
Butte, MT - Tel. 494-4172
Contract Time: 90 Working Days
Completion Date:
Oct. 30, 1979
Effective Opening Date: 11/29/78

Checking of final data is suspended in Division Office. It is estimated that final data will be submitted to Helena on Feb. 20, 1981.

I IG 15-1(44)0 &
I IG 15-1(46)9 U-1
Monida-North & Lima South(South Section)
Add 2 Lanes, Signing & Structures
12.6 Miles
Beaverhead County
Contract Let: Aug. 24, 1978
Bid Price: $6,673,310.83
Work Started: Oct. 16, 1978

General Const., Co.
Butte, MT
Irvin Broell, Manager
Field Project (Road)
Lima, MT - Tel. 276-3403
Harold Wiebe, Manager
Field Project (Bridge)
Lima, MT - Tel. 276-3578
Contract Time: 220 Working Days
Probable Completion Date:
April 30, 1981
Effective Opening Date:

ROAD
Work the past period consised of placing 1½" gravel on stocklane, grading N.B. Sta. 2942 to 2960 and erecting signs and guardrail throughout project. The 1/2 mile detour from Sta. 2940 to 2962 is now open for traffic. The contractor employed 18 men for 8-8 hour shifts. Project as a whole is 89% complete with 98% of the contract time elapsed. Construction layout as a whole is 100% complete, with 3 engineers and 5 inspectors engaged.
BRIDGES:
Progress for the past two weeks was fair. Snowline Interchange at Sta. 2888+20.00: These structures are 100% complete. Monida Interchange at Sta. 3365+00.00: This structure is 100% complete. Separation at Sta. 3222+00.00: These structures are 100% complete. Bridge Over U.P.R.R. at Sta. 3306+70.65: Stripped the base of Deck forms. Percentages complete for the items are as follows: Class AD Concrete 100%; Reinforcing Steel 100%; Structural Excavation 100%; All Piling 100%; All Prestressed Beams 100%; Class BD Concrete 97%; Structural Steel 100%; Protective Coating 90%. The structure as a whole are 97% complete. The contractor worked ten (10) eight (8) hour shifts, employing an average of six men.

I IG 15-1(46)9 U-2
Lima-South (North Section)
Add 2 Lanes-Grading, Surfacing
& Construction 118.0' Prestressed
Conc. Girder O'Pass (Lima Int.) & a
481' Composite St'l & Conc. Girder
Bridge (Over UPRR)

General Const., Co.
Butte, MT
Joseph Bettle, Manager
Field Project (Road)
Lima, MT - Tel. 276-3403
Harold Wiebe, Manager

I IG 15-1(46)9 U-2 Cont'd.
4.4 Miles
Beaverhead County
Contract Let: May 3, 1979
Bid Price: $3,398,814.92
Work Started: May 16, 1979

Field Project (Bridge)
Lima, MT - Tel. 276-3578
Contract Time: 200 Working Days
Probable Completion Date:
May 31, 1981
Effective Opening Date:

ROAD
Work the past period consisted of placing guardrail Sta. 2591 to 2595, laying 3" gravel on N. B. lane Sta. 2657 to 2677 and 1½" gravel N. B. lane Sta. 2695 to 2705 and bluetopping at several locations throughout project. The contractor employed 20 men for 4-8 hour shifts. Project as a whole is 80% complete with 72% of the contract time elapsed. Construction as a whole is 99% complete with 2 engineers and 1 inspector engaged.
BRIDGES:
Progress for the past two weeks was fair. Lima Interchange at Sta. 2590+00.00: This structure is 100% complete. Bridge Over U.P.R.R. at Sta. 2713+00.06: Forming Deck overhangs for Spans No. 3 and No. 4. Percentages complete for the items are as follows: All piling 100%; Structure Excavation 95%; Class AD Concrete 93%; Class BD Concrete 20%; Reinforcing Steel 50%; All Prestressed Beams 100%; Structural Steel 92%. The structures as a whole are 67% complete. The contractor worked five (5) eight (8) hour shifts, employing an average of three (3) men.

I 15-1(51)37 U-1
Structures & Approaches on
Armstead North & South
Construction of Prestressed Concrete
Girder Structures & Approaches
0.02 Miles
Beaverhead County
Contract Let: July 26, 1979
Bid Price: $506,064.63
Work Started: Sept. 18, 1979

Goodwin Const., Co.
Blackfoot, Idaho
Robert Gilman, Manager
Field Project
Dillon, MT - Tel. 683-2471
Contract Time: 130 Working Days
Completion Date:
October 23, 1980
Effective Opening Date: N/A

Final Inspection and Acceptance Nov. 6, 1980. It is estimated that Final Data will be submitted to Helena on May 8, 1981.

I 15-1(51)37 U-2
Armstead North & South
Grading, Agg. Surf., Pl. Mix
Bit. Surf., Signing, Seal & Cover
& a Prestressed Conc. Girder Bridge
5.9 Miles
Beaverhead County
Contract Let: Feb. 28, 1980
Bid Price: $3,399,704.18
Work Started: March 17, 1980

Zook Brothers Const., Co.
Great Falls, MT
Frank Caprara, Manager
Field Project (Road)
Dillon, MT - Tel. 683-6290
Larry Brazda, Manager
Field Project (Bridges)
Dillon, MT - Tel. 683-2516
Contract Time: 190 Working Days
Probable Completion Date:
May 15, 1981
Effective Opening Date:

I 15-1(51)37 U-2 Cont'd.

ROAD
Work the past period consisted of placing signs and guardrail throughout project and crushing and stockpiling plant mix aggregate. Priming of the roadway is completed. The contractor employed 15 men for 9-8 hour shifts. Project as a whole is 75% complete with 76% of the contract time elapsed. Construction layout as a whole is 82% complete with 5 Engineers and 3 Inspectors engaged .
BRIDGES
Work the past period consisted of finishing deck @ Sta. 166 and grinding deck @ Sta. 509. Shut down for winter on Nov. 11th. 1980. The contractor employed 2 men for 5-8 hour shifts. Bridge as a whole is 99% complete. Construction layout as a whole is 99% complete with 4 engineers engaged.

I 15-1(52)46 U-1
Pipe Organ North & South
(Structure & Approaches)
0.029 Miles
Beaverhead County
Contract Let: Aug. 23, 1979
Bid Price: $1,395,719.03
Work Started: Dec. 5, 1979

General Const., Co.
Butte, MT
Robert Gilman, Manager
Field Project
Dillon, MT - Tel. 683-2471
Contract Time: 220 Working Days
Probable Completion Date:
July 31, 1981
Effective Opening Date: N/A

Bridge Over Beaverhead River at Sta. 562+42: Driving sheet piling for shoring & Crib and excavating pier No. 4 footing. Bridge Over Beaverhead River at Sta. 764+36.1: Riprap and berm fill placement at spans No. 1 and No. 3. Setting 45 foot prestressed beams spans No. 1 and No. 3. Bridge Over Beaverhead River at Sta. 764+80.0 K-line: Riprap and berm fill placement at spams No. 1 and No. 3. Setting 45 foot prestressed beams spans No. 1 and No. 3. The contractor worked three (3) eight (8) hour shifts wmploying an average of eight (8) men. Project as a whole is 44% complete with 61% of the contract time elapsed.

I 15-1(54)51 U-1
Pipe Organ-North (Structures)
Construction of concrete Girder Bridge (2)
0.00 Miles
Beaverhead County
Contract Let: Oct. 25, 1979
Bid Price: $545,970.50
Work Started: May 6, 1980

Goodwin Const., Co.
Blackfoot, Idaho
Larry Brazda, Manager
Field Project
Dillon, MT - Tel. 683-2516
Contract Time: 185 Working Days
Probable Completion Date:
May 15, 1981
Effective Opening Date: N/A

Work the past period consisted of forming, pouring and backfilling pier #2 shaft @ Sta. 936. The contractor employed 5 men for 10-8 hour shifts. Project as a whole is 62% complete with 77% of the contract time elapsed. Construction layout as a whole is 90% complete with 4 Engineers engaged.

I 15-1(54)51 U-3
Structure on Pipe Organ-North
Construction of a Prestressed Concrete
Girder Bridge
0.034 Miles
Beaverhead County
Contract Let: April 3, 1980
Bid Price: $414,447.05
Work Started: May 27, 1980

Morgan & Oswood Const. Co., Inc.
Great Falls, MT
Larry Brazda, Manager
Field Project
Dillon, MT - Tel. 683-2516
Contract Time: 150 Working Days
Probable Completion Date:
May 15, 1981
Effective Opening Date: N/A

Work the past period consisted of pouring concrete in pier # 2 shaft and bent # 4 Column. Backfilled bent # 4. The contractor employed 5 men for 10-8 hour shifts. Project as a whole is 46% complete with 87% of the contract time elapsed. Construction layout as a whole is 90% complete with 4 engineers engaged.

IR 15-1(62)1 U-2 &
IR 90-3(50)184 U-2
Replacement of Sliding Plate
Expansion Joints
0.00 Miles
Powell, Silver Bow, Jefferson &
Lewis & Clark Counties
Contract Let: June 19, 1980
Bid Price: $566,000.00
Work Started: Sept. 2, 1980

Pacemaker Industries, Inc.
Spokane, Wash.
Clare Sands, E.T.3
Butte, MT - Tel. 494-2723
Contract Time: 120 Working Days
Probable Completion Date:
June 15, 1981
Effective Opening Date: N/A

The contractor has completed work in the Helena area and is now moving into the Butte area. The contractor employed 10 men for 10-8 hour shifts. Project as a whole is 33% complete with 47% of the contract time elapsed. Construction layout as a whole is 35% complete with 2 Engineers engaged.

I 15-2(44)131 &
I 15-3(39)134
Butte-North & Woodville-North
Pl. Mix Surf., Seal & Cover
12.3 Miles
Silver-Bow & Jefferson Counties
Contract Let: Aug. 23, 1979
Bid Price: $419,381.20
Work Started: Feb. 8, 1980

Jim Gilman Exc., Inc.
Butte, MT
Jack Erickson, Manager
Field Project
Butte, MT - Tel. 494-4172
Contract Time: 100 Working Days
Probably Completion Date:
June 12, 1981
Effective Opening Date: N/A

All major work on project completed. Chip & Seal operations will commence when weather permits after May 15, 1981. Project as a whole is 89% complete with 87% of the contract time elapsed.

I 15-3(29)160 U 2
Structure & Approaches on
The Basin-Boulder Road
Construction of Dual Prestressed
Concrete Girder Bridge (2)
0.032 Miles
Jefferson County
Contract Let: May 31, 1979
Bid Price: $577,140.45
Work Started: July 9, 1979

McIntyre Const., Co.
Great Falls, MT
Albert Reather, Manager
Field Project
Boulder, MT - Tel. 225-4330
Contract Time: 160 Working Days
Completion Date:
May 5, 1980
Effective Opening Date: N/A

Final Data is in Division Office but checking has not started. It is estimated that final data will be submitted to Helena on February 20, 1981.

I 15-3(29)160 U-3
Structure & Approaches on
Boulder-West Road
Construction of Precast Concrete
Girder Bridge (4)
0.111 Miles
Jefferson County
Contract Let: May 31, 1979
Bid Price: $1,616,808.00
Work Started: Aug. 8, 1979

Morgan & Osgood Const., Co., Inc.
Great Falls, MT
Albert Reather, Manager
Field Project
Boulder, MT - Tel. 225-4330
Contract Time: 220 Working Days
Completion Date:
Nov. 13, 1980
Effective Opening Date: N/A

Final Inspection and Acceptance November 14, 1980. It is estimated that Final Data will be submitted to Helena on July 17, 1981.

I 15-3(29)160 U-4
Structure & Approaches on the
Boulder-West Road
Construction of a Dual Concrete
Slab Bridge & Approaches
0.015 Miles
Jefferson County
Contract Let: May 31, 1979
Bid Price: $307,941.15
Work Started: July 17, 1979

Frontier West Inc.
Missoula, MT
Albert Reather, Manager
Field Project
Boulder, MT - Tel. 225-4330
Contract Time: 130 Working Days
Completion Date:
June 7, 1980
Effective Opening Date: N/A

Final Data is in Division Office but checking has not started. It is estimated that final data will be submitted to Helena on March 20, 1981.

I 15-3(29)160 U-5
I 15-3(31)164 & I IG 15-3(32)157 U-2
Boulder-West, Boulder Interchange
Ramp Revision & Basin-East
Highway & Structures
5.4 Miles
Jefferson County
Contract Let: June 19, 1980
Bid Price: $12,424,462.39
Work Started: Aug. 11, 1980

Peter Kiewit Sons' Co.
Billings, MT
Bill Bork, Manager
Field Project (Road)
Boulder, MT - Tel. 225-3962
Albert Reather, Manager
Field Project (Structures)
Boulder, MT - Tel. 225-4330
Contract Time: 280 Working Days

I 15-3(29)160 U-5
I 15-3(31)164 & I IG 15-3(32)157 U-2 Cont'd.

Probable Completion Date:
Nov. 15, 1981
Effective Opening Date:

Pioneering, Drilling, Blasting operations on cuts Sta. 1252, 1274,1285,1310, & 1400. Contractor hauling from cuts at Sta. 1343 and 1310 to fills Sta. 1330 & 1390. Culvert installations proceeding throughout the Basin East Project and on "F" Line Boulder West. Guard rail and striping operations completed on Detour No. 3 from Sta. 1256 to 1272. Begin crushing operation on 11/21/80 making 3/4" gravel. Clearing and building grade on "F" Line Sta. 1527 to 1516. The contractor employed 80 men for 20-9 hour shifts. Project as a whole is 12% complete with 24% of the contract time elapsed. Construction layout as a whole is 83% complete with 4 engineers and 11 inspectors engaged.

I IG-15-3(32)157 U-1
Structue Basin-East
Construction of a Prestressed Concrete
Girder Bridge
0.02 Miles
Jefferson County
Contract Let: May 31, 1979
Bid Price: $317,475.62
Work Started: July 17, 1979

Goodwin Const., Co.
Blackfoot, Idaho
Albert Reather, Manager
Field Project
Boulder, MT - Tel. 225-4330
Contract Time: 130 Working Days
Completion Date:
July 16, 1980
Effective Opening Date: N/A

Final Data is in Division Office but checking has not started. It is estimated that final data will be submitted to Helena on March 27, 1981.

F 19-1(7)7
Park Ave. - Anaconda
Grading, Agg. Surf., Plant Mix
Bit. Base, Pl. Mix Bit. Surfacing
Seal & Cover, Lighting & Traffic Signals
1.2 Miles
Deer Lodge County
Contract Let: Sept. 28, 1978
Bid Price: $993,662.00
Work Started: May 7,1979

Jim Gilman Exc., Inc.
Butte, MT
John McGeever, Manager
Field Project
Butte, MT - Tel. 792-1797
Contract Time: 90 Working Days
Completion Date:
June 30, 1980
Effective Opening Date: 10/8/79

Checking of final data is completed in Division Office. It is estimated that final data will be submitted to Helena on Dec. 19, 1980.

F 29-4(6)86
Yale Ave. to Cornell Ave.
on Harrison Ave. - Butte
Intersection Improvements
0.00
Silver Bow County
Contract Let: Oct. 25, 1979
Bid Price: $97,672.50
Work Started: April 24, 1980

Peacemaker Industries Inc.
Spokane, Wash.
John McGeever, Manager
Field Project
Butte, MT - Tel. 792-1797
Contract Time: 45 Working Days
Completion Date:
July 2, 1980
Effective Opening Date: N/A

Checking of Final Data has been suspended in Division Office. It is estimated that final data will be submitted to Helena on January 9, 1981.

F 49-2(2)16
Twin Bridges-South
Pl. Mix Bit. Surf., Overlay
10.3 Miles
Madison County
Contract Let: July 27, 1978
Bid Price: $602,068.85
Work Started: Oct. 30, 1978

Meyer Const., Co.
Billings, MT
Jack Erickson, Manager
Field Project
Butte, MT - Tel 494-4172
Contract Time: 90 Working Days
Completion Date:
Aug. 25, 1979
Effective Opening Date: N/A

Final data is in the Division Office but checking has not started. It is estimated that final data will be submitted to Helena on April 17, 1981.

I IG 90-3(27)U-1
Garrison East & West (West Section)
The construction of a 590.83' Avg.
Length Dual Composite Steel &
Concrete Girder Bridge (Over Burlington
Northern, Inc.)
0.1 Miles
Powell County
Contract Let: May 26, 1977
Bid Price: $1,985,384.05
Work Started: July 27, 1977

General Const., Co.
Butte, MT.
Loren Matkin, Manager
Field Project
Dillon, MT
Contract Time: 280 Working Days
Completion Date:
Nov. 6, 1979
Effective Opening Date: N/A

Final Inspection & Acceptance Nov. 30, 1979. It is estimated that final data will be submitted to Helena on Feb. 20, 1981.

I IG 90-3(27)172 U-2 & F 88-1(1)1
Garrison East & West (West Section)
& Garrison Interstate Connection
Grading, Agg. Surf., Pl. Mix Bit.
Surf., Signing & Lighting on 4.2 Miles
of Project I IG 90-3(27)172 U-2
& Widening, Pl. Mix Bit. Surf.,
Signing & Lighting on 0.7 Miles
of Project F 88-1(1)1
4.9 Miles
Powell County

Contract Let: Sept. 29, 1977
Bid Price: $4,981,295.99
Work Started: Nov. 15, 1977
Washington Const., Co.
Missoula, MT
Bill Bork, Manager
Field Project
Boulder, MT - Tel. 225-3962
Contract Time: 250 Working Days
Completion Date:
July 23, 1980
Effective Opening Date: 11/20/79

Final Inspection & Acceptance July 23, 1980. It is estimated that final data will be submitted to Helena on June 26, 1981.

I IG 90-3(27)172 U-3
Structure on Garrison East
& West (West Section)
Construction of a Dual 692.5' Avg.
Prestressed Concrete Girder Bridge
(Over B.N.R.R.) a Dual
131.5' Prestressed Concrete Girder
Bridge (Little Blackfoot River)
0.156 Miles
Powell County

General Const., Co.
Butte, MT
Loren Matkin, Manager
Field Project
Dillon, MT
Contract Time: 250 Working Days
Completion Date.
Nov. 30, 1979
Effective Opening Date: N/A

I IG 90-3(27)172 U 3 Cont'd.
Contract Let: Sept. 29, 1977
Bid Price: $1,922,459.45
Work Started: Jan. 11, 1978

Final data is in Division Office but checking has not started. It is estimated that final data will be submitted to Helena on May 22, 1981.

IR 90-3(46)180
Deer Lodge - North & South
Plant Mix Overlay
8.6 Miles
Powell County
Contract Let: June 28, 1979
Bid Price: $1,199,967.70
Work Started: Aug. 15, 1979

Meyer Const., Co.
Billings, MT
Claude Flynn, Manager
Field Project
Butte, MT - Tel. 494-2723
Contract Time: 70 Working Days
Probable Completion Date:
Dec. 26, 1980
Effective Opening Date: N/A

No work the past period. Pit Reclamation remains to be completed. Project as a whole is 99% complete with 80% of the contract time elapsed. Construction layout as a whole is 100% complete.

I 90-3(53)193 & I 90-4(34)194
Racetrack North & South
Warm Springs-North & South
Pl. Mix Surf., Seal & Cover
12.2 Miles
Powell & Deer Lodge Counties
Contract Let: Aug. 23, 1979
Bid Price: $1,359,963.00
Work Started: Sept. 25, 1979

Jim Gilman EXC., Co., Inc.
Butte, MT
Claude Flynn, Manager
Field Project
Butte, MT - Tel. 494-2723
Contract Time: 100 Working Days
Completion Date:
Aug. 8, 1980
Effective Opening Date: N/A

Final Inspection & Acceptance Oct. 1, 1980. It is estimated that final data will be submitted to Helena on March 6, 1981.

I 90-5(33)264
Milligan Canyon to Jct. 287
Pl. Mix Bit. Overlay & Assoc. Work
10.5 Miles
Jefferson & Broadwater Counties
Contract Let: July 17, 1978
Bid Price: $5,027,682.09
Work Started: March 19, 1979

McIntyre Const., Co.
Great Falls, MT
Frank Caprara, Jr., Manager
Field Project
Dillon, MT - Tel. 683-6290
Contract Time: 200 Working Days
Completion Date:
Nov. 8, 1980
Effective Opening Date: 10/18/79

Final Inspection and Acceptance November 17, 1980. It is estimated that Final Data will be submitted to Helena on June 19, 1981.

I 90-5(40)233 U-1
Homestake Pass-Safety
Grading, Surfacing & Signing
Of a Truck Escape Ramp

Clark Brothers Contractors
Victor, MT
Robert Wilson, Manager

I 90-5(40)233 U-1 Cont'd.
0.00 Miles
Jefferson County
Contract Let: July 24, 1980
Bid Price: $1,179,021.95
Work Started: Aug. 26, 1980

Field Project
Butte, MT - Tel. 723-5233
Contract Time: 100 Working Days
Probable Completion Date:
May 29, 1981
Effective Opening Date: N/A

Work the past period consisted of placing fill material in curve, working on drain, placing topsoil and drilling and blasting rock cut. The contractor employed 20 men for 13 - 8 hour shifts. Project as a whole is 30% complete with 53% of the contract time elapsed. Construction layout as a whole is 87% complete with 4 engineers and 2 inspectors engaged.

I 90-5(41)233
Sewer Improvements
Homestake Rest Area
0.00 Miles
Jefferson County
Contract Let: May 28, 1980
Bid Price: $275,990.00
Work Started: July 15, 1980

Jim Gilman Exc. Co., Inc.
Butte, MT
Robert Wilson, Manager
Field Project
Butte, MT - Tel. 723-5233
Contract Time: 110 Working Days
Probable Completion Date:
December 31, 1980
Effective Opening Date: N/A

Work the past period consisted of hanging conduit, placing tiles and working on perimeter fence. Electricians and plumbers are waiting for materials. Contractor employed 4 men for 7-8 hour shifts. Project as a whole is 79% complete with 62% of the contract time elapsed. Construction layout as a whole is 92% complete with 2 inspectors and 4 engineers engaged.

HHS 280-1(2)U-2
Traffic Control Devices
Warren School Curves
0.00 Miles
Lewis & Clark County
Contract Let: May 31, 1979
Bid Price: $16,765.40
Work Started: April 17, 1980

LaSalle Const., Co.
Havre, MT
Carl Engstedt, E.T. 3
Helena, MT - Tel. 449-3031
Contract Time: 45 Working Days
Probable Completion Date:
December 19, 1980
Effective Opening Date: N/A

No work the past period. Waiting for arrival of 3 new signs. Project as a whole is 97% complete with 24% of the contract time elapsed. Construction layout as a whole is 100% complete.

M 0299(3)
Anaconda Urban System
Grading, Pl. Mix Bit. Base
Pl. Mix Bit. Surf. & Signing
2.8 Miles
Deer Lodge County
Contract Let: April 28, 1977
Bid Price: $966,307.40
Work Started: July 17, 1977

Zook Brothers Const., Co.
Great Falls, MT
George Buckman, Manager
Field Project
Butte, MT - Tel. 494-4172
Contract Time: 120 Working Days
Completion Date:
Nov. 8, 1978
Effective Opening Date: 5/19/78

M 0299(3) Cont'd.

Checking of Final Data is progressing in Division Office. It is estimated that final data will be sent to Helena on December 30, 1980.

BRS 361-1(3)17
Structure & Approaches
West of Twin Bridges
Construction of Prestressed Concrete
Girder Bridge & Grading, Agg. Surf.,
& Road Mix Surf., of the Approaches
0.2 Miles
Madison County
Contract Let: Sept. 28, 1977
Bid Price: $577,136.64
Work Started: Nov. 4, 1977

McIntyre Const., Co., &
S. Birch, Inc.
Great Falls, MT
Harold Wiebe, Manager
Field Project
Lima, MT Tel. 276-3578
Completion Date:
July 10, 1979
Effective Opening Date: 10/31/78

Final Data is in Division Office but checking has not been started. It is estimated that final data will be submitted to Helena on May 27, 1981.

BRS 361-1(3)17 U-2
Bridge Repair on the
Big Hole River Bridge
0.00 Miles
Madison County
Contract Let: Aug. 28, 1980
Bid Price: $50,625.00
Work Not Started

Swan & Sons Const., Inc.
Anaconda, MT
John McGeever, Manager
Field Project
Butte, MT - Tel. 792-1797
Contract Time: 60 Working Days
Probable completion Date:
May 29, 1981
Effective Opening Date: N/A

Preconstruction Conference held Nov. 5, 1980

RS BRS 441-1(3)0 U-1
Gregson (Structure)
Construction of a Prestressed Concrete
Girder Bridge
0.00 Miles
Silver Bow County
Contract Let: Nov. 29, 1979
Bid Price: $238,690.00
Work Started: Feb. 28, 1980

Cop Const., Co.
Billings, MT
Clare Sands , E.T.3
Butte, MT - Tel. 494-2723
Contract Time: 110 Working Days
Completion Date:
Aug. 12, 1980
Effective Opening Date: N/A

Final Inspection & Acceptance Sept. 2, 1980. It is estimated that final data will be submitted to Helena on April 10, 1981.

M 1810(2)
Grand Ave. - Butte
Grading, Agg. Surf., Pl. Mix Surf.,
Curb & Gutter, Sidewalk Traffic
Signal & Lighting
1.4 Miles
Silver Bow County

Dugdale Const., Co., Inc.
Butte, MT
Claude Flynn, Manager
Field Project
Butte, MT - Tel. 494-2723
Contract Time: 120 Working Days.

M 1810(2) Cont'd.
Contract Let: Aug. 28, 1980
Bid Price: $1,163,312.28
Work Not Started

Probable Completion Date:
July 24, 1981
Effective Opening Date: N/A

Preconstruc tion Conference held Sept. 17, 1980. Awaiting arrival of materials.

KENNETH G. RAPP, P. E., SUPERVISOR
DIVISION CONSTRUCTION SECTION - BUTTE

KGR/GBH/MJJ/ejb

November 28, 1980

P.O. Box 1110
Bozeman, MT 59715

Department of Highways
Helena, MT 59601

Gentlemen:

Following is a report covering Construction And Preconstruction operations in the Bozeman Division for the two-week peroid ending November 28, 1980. Temperatures ranged between 15° and 40° with snow and low temperatures hampering or halting operations in some locations.

P R E C O N S T R U C T I O N

F 11-1(1)54
Park Street - Livingston
Length - 1.6 Miles

William G. Shuyler, FPM
Phone 222-1795 Livingston

All requested field work has been completed.

F 13-1( )24
8 Mi. So. of Cameron - South
Length - 9.0 Miles

Engineer Unassigned

Utility Plan-in-hand inspections were held on October 20 and 21, 1980.

F 13-1( )30
3 Mi. So.of Cameron - South
Length - 5.0 Miles

Ole F. Olson, FPM
Phone 586-5074 Bozeman

Utility Plan-in-hand inspections were held on October 20 and 21, 1980.

F 13-1(4)56
Norris Hill
Length - 9.0 Miles

Design - Alpha Engineers, Inc.
Completion: 12-12-79

The design of this project has been completed.

F 29-1(8)0
West of Ennis
Length - 12.8 Miles

Larry O. Williams, Designer III
Phone 586-9562 Bozeman
Estimated Completion: March 1, 1981

Sixteen man days were utilized this period determining and examining guardrail warrants and slope flattening areas. Additional excavation quantities were calculated and summaries were drawn. The typical sections were designed and the title sheet information was submitted to Helena. The surfacing, culvert and grading frames were also prepared. This design is 20% complete.

F 50-2(4)79
Bozeman - West
Approx. Length - 9.0 Miles

Thomas, Dean & Hoskins, Inc.
Great Falls, Montana
Consulting Engineers

The last report received from the consulting engineer indicating progress showed the design as being 85% complete.

F 59-1(5)7
Clyde Park - So.
Length - 7.3 Miles

Donald J. Coughlin, FPM
Phone 222-7737 Livingston

This project is presently scheduled for the February 1981 letting.

HES 86-1( )1
Int. of FAP 86 & FAS 536

Ole F. Olson, FPM
Phone 586-5074 Bozeman

All requested field work has been completed.

F 86-1(3)23
Park County Line - South
Length - 8.1 Miles

Donald J. Coughlin, FPM
Phone 222-7737 Livingston

All requested field work has been completed.

F 86-1(4)18
Battle Ridge No. & So.
Length - 6.1 Miles

Larry O. Williams, Designer III
Phone 586-9562 Bozeman
Estimated Completion: Feb. 1981

The final Plan-in-hand review was held on October 30, 1980, and one man day was utilized this period writing the final Plan-in-hand report. A total of 312 man days have been expended on this design which is 70% complete.

F 86-1(5)3
Bridger Canyon Road
Length - 1.8 Miles

Larry O. Williams, Designer III
Phone 586-9562 Bozeman
Estimated Completion: July 1981

A field review for the springhouse at the fish hatchery was held on November 13, 1980. A total of 81 man days have been expended on this design which is 80% complete.

I 90-6(36)315 U-3
Bozeman Pass - West, Rest Area

Engineer Unassigned

No information has been requested from the field to date.

IR 90-6(38)309
Rocky Canyon Overlay
Length - 5.3 Miles

Ole F. Olson, FPM
Phone 586-5074 Bozeman

A six man survey crew has been obtaining the data requested on April 23, 1980. At the present time the profile has been completed and it is estimated that all data will be submitted to Helena by December 15, 1980.

I 90-7(21)339
Springdale - West
Length - 9.2 Miles

Roger E. Blossom, PE, FPM
Phone 932-3515 Big Timber

A five man survey crew is presently obtaining the additional cross sections requested by the Preconstruction Section on October 20, 1980.

I 90-7(36)318 U-2
Bozeman Pass - East, Rest Area

Engineer Unassigned

All work requested from the field has been completed.

I 90-7(37)350
Springdale - Big Timber (W. Section)
Length - 7.8 Miles

George A. Sitton, FPM
Phone 932-2485 Big Timber

The west 4.6 miles is presently scheduled to be let to contract during the February 1981 letting.

HES 205-1(2)28 U-2
North of Bozeman
Right Turn Lane

Ole F. Olson, FPM
Phone 586-5074 Bozeman

This project is presently scheduled for the March 1981 letting.

RS 411-1(1)0
Springhill Road
Length - 5.3 Miles

Ole F. Olson, FPM
Phone 586-5074 Bozeman

All field work requested to date has been completed.

S 487-1(1)0
Big Timber - North & East
Approx. Length - 9.1 Miles

Larry O. Williams, Designer III
Phone 586-9562 Bozeman
Estimated Completion: March 1982

There was no work on this design this period and it remains 50% complete with a total of 191 man days expended.

RS 540-1(1)0
East River Road - Park County
Length - 23.0 Miles

Engineer Unassigned

All field work requested to date has been completed.

RS-BRS 563-1(3)0 U-2
Springdale - Hunters Hot Springs
Length - 1.0 Mile

Donald J. Coughlin, FPM
Phone 222-7737 Livingston

This project is presently scheduled for the February 1981 letting.

M 1201(1)
North 19th - Bozeman, Design
Approx. Length - 0.4 Mile

Thomas, Dean & Hoskins, Inc.
Bozeman, Montana

Utility Plan-in-hand inspections were held on October 6 and 7, 1980.

M 1202(1)
Oak Street - Bozeman
Approx. Length - 0.8 Mile
Survey Started: July 26, 1976

Engineer Unassigned

All requested field work has been completed.

M 1212(1)
Kagy Lane from Willson to Highland
Design Bozeman
Approx. Length - 1.1 Miles

Thomas, Dean & Hoskins, Inc.
Bozeman, Montana

The final Plan-in-hand inspection was held on November 25, 1980.

M 1212(4) Engineer Unassigned
Kagy from 3rd to 19th - Bozeman
Length - 1.0 Mile

This location survey has not been started to date.

M 7406(1) Morrison-Maierle, Inc.
Main, Chinook & Gallatin - Livingston
Design Approx. Length - 1.3 Miles

Design of this project is now 100% complete.

CONSTRUCTION

F 59-1(4)14 U-1 COP Construction Company
Clyde Park - North Billings, Montana
One 151.5' Prestressed Concrete Girder Bridge Jerry R. Branum, FPM
No Phone Livingston
Contract Awarded: June 29, 1979 Contract Time: 130 Working Days
Contract Amount: $378,665.00 Effective Opening Date: N.A.
Proceed Order Date: July 20, 1979 Completion Date: June 6, 1980
Work Started: September 17, 1979

The final estimate is 98% complete with an estimated date of submittal to the Division Office of December 15, 1980.

F 59-1(4)14 U-2 Wickens Brothers
Clyde Park - North Lewistown, Montana
GR., AGG., Surf. Pl. Mix Surf. Donald J. Coughlin, FPM
Length - 6.2 Miles Phone 222-7737 Livingston
Contract Awarded: December 6, 1979 Contract Time: 140 Working Days
Contract Amount: $2,537,329.50 Probable Completion: July 1, 1981
Proceed Order Date: April 16, 1980 Effective Opening Date:
Work Started: February 19, 1980

Progress has been fair with the contractor employing six men. The paving sub-contractor placed 15,000 tons of plant mix bituminous surfacing completing this item. The striping sub-contractor striped the project on November 24, 1980, and he used 59 gallons of white paint and 246 of yellow paint. The striping items are now 54% complete. The other work in progress is minor clean-up and some riprap placement at the bridge ends. A nine man engineering crew is assigned to this project which is 81% complete with 93% of the contract time elapsed. The contractor has 10 working days of contract time remaining.

F 64-1(4)3 U-2
US 191 - Big Sky Spur
GR., DR., AGG., Surf., Pl. Mix Surf.
Length - 6.1 Miles
Contract Awarded: August 24, 1979
Contract Amount: $4,095,893.40
Proceed Order Date: September 14, 1979
Work Started: September 21, 1979

Rehbein Contracting, Inc.
Plains, Montana
Harold G. Heath, FPM
Phone 995-4856 Big Sky
Contract Time: 180 Working Days
Probable Completion: Oct. 31, 1981
Effective Opening Date:

The contractor has suspended operations until next spring. A twelve man engineering crew is currently assigned to this project which is 75% complete with 18% of the contract time elapsed. The contractor has 38 working days of contract time remaining.

IR 90-3(50)184 U-1
Replacement of sliding plate expansion joint
(Gallatin and Park Counties)
Contract Awarded: May 30, 1980
Contract Amount: $731,524.00
Proceed Order Date: June 25, 1980
Work Started: October 9, 1980

Skinner Enterprises
Helena, Montana
Jerry R. Branum, FPM
No Phone Livingston
Contract Time: 150 Working Days
Probable Completion:
Effective Opening Date: N. A.

Progress has been poor with the contractor employing an average of three men and working one eight-hour and one nine-hour shift during the period. Work has been concentrated on the left half of the eastbound structure at Sta. 1668+73. Plans are to open this structure to traffic before the Thanksgiving weekend. The eastbound structure at the Bear Canyon Interchange has been completed. A two man engineering crew is performing inspection duties on this project which is 5% complete with 14% of the contract time elpased. The contractor has 128 working days of contract time remaining.

I 90-6(30)309, I 90-6(36)315 U-2
I 90-7(38)318
Rocky Canyon Safety, Bozeman Pass - West and Bozeman Pass - East (W. Section)
Grade, Agg. Surf., Plant Mix Base, Structures
Length - 7.1 Miles
Contract Amount: $9,845,688.09
Contract Awarded: May 28, 1976
Proceed Order Date: June 22, 1976
Work Started: July 6, 1976

Goodfellow Brothers, Inc.
Wenatchee, Washington
Ross M. Johnson, FPM - Grade
Phone 932-3722 Big Timber
Jerry R. Branum, FPM - Structures
Contract Time: 300 Working Days
Completion Date: 9-6-79
Effective Opening Date: 9-6-79

Division Office checking of this final estimate and supporting data is being performed by the Billings Division.

I 90-6(42)315 & I 90-7(44)318
Boz. Pass - West; Boz. Pass - East
Plant Mix Overlay
Length - 11.6 Miles
Contract Awarded: October 2, 1979
Contract Amount: $3,614,999.31
Proceed Order Date: 10-26-79
Work Started: June 10, 1980

Zook Brothers Construction Co.
Great Falls, Montana
Ole F. Olson, FPM
Phone 586-5074 Bozeman
Contract Time: 120 Working Days
Probable Completion: June 15, 1981
Effective Opening Date:

Operations have been suspended for the winter and this project remains 92% complete with 86% of the contract time elapsed. The contractor has 17 working days of contract time remaining.

I 90-7(35)364 U-2, I 90-7(35)364 U-4
I 90-7(34)375
Big Timber - Greycliff (E. Section)
Greycliff - East Access Road
G., Strs, @ Sta. 580+, 620, 680, 690
GS, PMS
G, GS, PMS
Length - 5.5 Mi., 6.4 Mi., 0.4 Mi.
Contract Awarded: April 11, 1979
Contract Amount: $5,633,978.53
Proceed Order Date: May 2, 1979

Clark Brothers Construction
Victor, Montana
Roger E. Blossom, PE, FPM, Grade
Phone 932-3515 Big Timber
Theodore C. Herman, Eng. Tech. III
Phone 932-3272 Big Timber
Probable Completion: Nov. 15, 1980
Contract Time: 240 Working Days
Effective Opening Date: 10-10-80
(mile post 371.5 ahead)
Work Started: May 2, 1979

Work in progress consists of reshaping and reclamation of the borrow pits. A six man engineering crew is assigned to this project which is 99% complete with 99% of the contract time elapsed. The contractor has one working day of contract time remaining.

I 90-7(35)364 U-3
Big Timber - Greycliff (Mid. Sect.)
Length - 3.2 Miles
Grading, Agg., Pl. Mix Bitum.
Surf., 245.5' and 321.0' Prest.
Conc. Girder Bridges
Contract Awarded: 2-20-79
Contract Amount: $2,812,366.01
Work Started: 4-27-79

Washington Construction Co.
Missoula, Montana
George A. Sitton, FPM, Grade
Phone 932-2485 Big Timber
Theodore C. Herman, Eng. Tech. III
Phone 932-3272 Big Timber
Contract Time: 180 Working Days
Completion: Oct. 30, 1980
Effective Opening Date: N. A.

The supporting data for the structure portion of the final estimate was turned into the Division Office on November 24, 1980. It is estimated that the supporting data for the entire project will be submitted to the Division Office by January 15, 1981.

I 90-7(35)364 U-5
Big Timber - Greycliff
Girder Str. (Over Boulder River)
Dual 323' Prest. Conc.
Contract Awarded: 6-8-79
Contract Amount: $1,259,840.20
Proceed Order Date: 7-5-79
Work Started: 7-12-79

Sletten Construction Company
Great Falls, Montana
Theodore C. Herman, Eng. Tech. III
Phone 932-3272 Big Timber
Contract Time: 220 Working Days
Completion Date: 10-22-80
Effective Opening Date: N. A.

Two men are working on the preparation of the final estimate and supporting data.

I 90-7(35)364 U-6
I 90-7(35)364 U-7
I 90-7(41)359
F 91-1(2)0
Big Timber - Greycliff (W. Section)
Big Timber - Greycliff
Springdale - Big Timber (E. Section)
Big Timber - East & West
GR., AGG., Surf., Pl. Mix Surf. & Dual Girder Str.
Length - 11.6 Miles
Contract Awarded: August 24, 1979
Contract Amount: $9,061,336.92
Proceed Order Date: 9-25-79
Work Started: October 24, 1979

Hilde Construction Co., Inc.
Great Falls, Montana
Ross M. Johnson, FPM, Grade
Phone 932-3722 Big Timber
Contract Time: 270 Working Days
Probable Completion: Oct. 31, 1981
Effective Opening Date:

Progress has been poor with the contractor employing an average of 69 men and working two nine-hour shifts per day, producing 3/4" plant mix material and aggregate for the open graded friction course. The hot plant is on the project but no paving will be performed this year. With the exception of seeding the reclamation of the Hammersmark Pit was completed on November 25, 1980. A 13 man engineering crew is assigned to this project which is 66% complete with only 59% of the contract time elapsed. The contractor has 121 working days of contract time remaining.

RS-BRS 563-1(3)0 U-1
Springdale - Hunters Hot Springs
471' Structure and Approaches
Contract Awarded: July 27, 1979
Contract Amount: $980,785.39
Proceed Order Date: 8-17-79
Work Started: 9-18-79

Morgen & Oswood Const. Co., Inc.
Great Falls, Montana
Jerry R. Branum, FPM
No Phone Livingston
Contract Time: 240 Working Days
Probable Completion Date: May 1980
Effective Opening Date: N. A.

Progress has been fair with the contractor employing an average of 11 men and working 10 eight-hour shifts. Work consisted of placing Class BD concrete for the right barrier curb, spans 1,2,3 and 4. Stripping under the deck was also in progress and the contractor is in the process of removing his work bridge. A two man engineering crew is assigned to this project which is 91% complete with 87% of the contract time elapsed. The contractor has 31 working days of contract time remaining.

M 7403(3) & M 7404(3)
5th St. - Park to Front - Livingston
Front St.- Main to Cemetery - Livingston
GR., AGG., Surf. and Signing
Length - 1.6 Miles
Contract Awarded: February 4, 1980
Contract Amount: $629,771.95
Work Started: March 13, 1980

Rehbein Contracting, Inc.
Plains, Montana
William G. Shuyler, FPM
Phone 222-1795 Livingston
Contract Time: 90 Working Days
Completion Date: October 14, 1980
Effective Opening Date: Oct. 3, 1980

Three men are working on the preparation of the final estimate and supporting data. Itis estimated that it will be submitted to the Division Office by December 5, 1980.

Respectfully,

Richard C. Holmes, PE, Supervisor
Division Construction Section

RCH:EJR:mt
cc: Lee Alt
Boz. Div. Lab.
Boz. Div. Ofc.

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
DECEMBER 1, 1980

Department of Highways
Helena, Montana

Progress Report
Division 3130

Gentlemen:

Herewith is the Progress Report for Division 3130 during the period November 18, 1980 through December 1, 1980.

GENERAL

Conditions during this reporting period have ranged from fair to poor, with some light snow flurries accompanied by high winds. Temperatures ranged from 15° to 50°. These winter conditions having their effect on construction progress.

PRE-CONSTRUCTION

F 60-2(3) Great Falls - East
F 64(15)
Length: 9.537 Miles
Design Started: September 7, 1976

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: June, 1981

One man worked 9 days preparing design for P.I.H. Design is 56% complete.

F 3-1(1)
Fairfield - East & West
Design

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: April, 1981

EAST SECTION - 4.9 MILES
Design remains 73% complete. No progress during this reporting period.

F 9-1(1)
F 238(13) Bowman's Corner - Augusta
Design Started: March 12, 1978

R. Fransen - Designer II
Great Falls - Phone #452-2361

SOUTH SECTION - 5.6 MILES
Design work on this portion will begin in the near future. Probable completion date - December, 1982.
MIDDLE SECTION - 5.4 MILES
No progress during this reporting period. Design remains 17% complete. Probable completion date - December, 1982.
NORTH SECTION - 3.8 MILES
Design work on this portion will begin in the near future. Probable completion date - December, 1982.

IR 15-5(69)
Ulm - Gore Hill
South Frontage Road
Plant Mix Surface
Length: 3.5 Miles
Design Started: June 30, 1980

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec., 1980

One man worked 3 days preparing typical sections. Design is 14% complete.

M 5225(1)
Int. Ramps I-315 at 14th St. S.W.
Great Falls
Cascade County
Length: 0.4 Miles
Survey Authorized: February 1, 1978

Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Survey Started: Oct. 8, 1980

Two men worked 3 days making revisions to the photogrammetric control data. Location survey remains 4% complete.

FR 60-2(8) 181
Belt - East & West
Plant Mix Overlay
Length: 10.6 Miles
Design Started: June 23, 1980

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: June, 1981

No progress during this reporting period. Design remains 2% complete. Additional field data is required and will be provided when survey crew is available.

HES 60-2(6) 91
10th Ave. South - Great Falls
Location Survey
Street Lighting

Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573

No progress to date. The assigned crew is engaged in other projects.

RS 565-1(1)
Simms - North
Length: 1.1 Miles
Design Started: Sept. 10, 1979

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: April, 1981

P.I.H. held August 21, 1980. Two men worked 15 days making P.I.H. changes. Presently awaiting hydraulic and bridge data. Design is 77% complete.

M 5212(1)
Great Falls South Arterial
Cascade County
Location & Design
Length: 7.6 Miles

HKM Associates - Billings
Phone #245-6354 or #259-1993
Survey Authorized: Dec. 4, 1978
Work Started: Dec. 4, 1978
Estimated Comp.: Unknown

No report received for this period. Last letter from consultant indicates the Location & Design contract was 87% complete.

CONSTRUCTION

IR 15-1(62) U-1
Elastomeric Expansion Joints
Lewis & Clark, Cascade & Toole Counties
Contract Awarded: November 29, 1979
Amount of Contract: $187,204.00
Work Started: May 12, 1980

Skinner Enterprises
P.O. Box 5447 - Helena
Stan Newton - Mgr. F.P.U.
Conrad - Phone #278-9731
Comp. Time: 100 Working Days
Comp. Date: Oct. 6, 1980

Contractor completed project October 6, 1980. A 1 man engineering crew compiling Final Estimate & Supporting Data, also engaged in other assignments. Anticipate submittal of Final Estimate to Division office on December 10, 1980.

I 15-4(49) 214
Wolf Creek Rest Areas
Renovation & Upgrading
Lewis & Clark County
Contract Awarded: August 28, 1980
Contract Amount: $23,794.00
Work Started: October 13, 1980

Heritage Builders, Inc.
817 17th Street
Havre, Mt. 59501
Glen Enderson - Mgr. F.P.U.
Wolf Creek - Phone #235-4405
Comp. Time: 30 Working Days
Prob. Comp. Date: May, 1981

No progress during this reporting period. The contractor has completed all concrete work. He plans to complete remaining items as weather permits in the spring. The project remains 19% complete.

I 15-4(51) 217
IR 15-4(53) 218
Sieben - Wolf Creek
Lewis & Clark County
Length: 12 Miles
Contract Awarded: April 5, 1980
Contract Amount: $5,221,837.97
Work Started: June 10, 1980

Zook Bros. Const. Co.
P.O. Box 2025
Great Falls, Mt. 59403
Glen Enderson - Mgr. F.P.U.
Wolf Creek - Phone #235-4405
Comp. Time: 180 Working Days
Prob. Comp. Date: July, 1981
Effective Opening Date:

I 15-4(51) 217 & I 15-4(53) 218 Cont'd.

Progress has been good. The contractor, using a 100 man crew continues with the reconstruction of slopes 504 to 513, with waste material being placed left of station 478. The scaling of rock slopes is still underway left of station 83 to 120. He worked 5 days during period placing plant mix surfacing, then shut down for the winter on November 19, 1980. He continues with the binwall installation. Also, began crushing plant mix aggregate from quarry site into stockpile. The subcontractor continues with guard rail revisions, signing and delineators. The items and percentages complete are: Uncl. Exc. - 93%, Scaling - 85%, Pl. Mix Surf. - 51%, Binwall - 84% & Guard Rail Items - 60%. The project as a whole is 52% complete with 49% of the contract time elapsed. A 12 man engineering crew is engaged in layout (78%), inspection and testing.

I 15-5(64) 238 U-2 Hardy Creek Ramps
I 15-5(50) 239 U-5 Cascade North & South
Cascade County
Surfacing
Length: 14.3 Miles
Contract Awarded: August 25, 1978
Contract Amount: $3,412,155.85
Work Started: February 7, 1979

Hilde Const. Co. - Contr.
P.O. Box 2287
Great Falls, Mt. 59403
Harry Strong - Mgr. F.P.U.
Cascade - Phone #468-2801
Comp. Time: 150 Working Days
Comp. Date: Jan. 15, 1980
Effective Opening Date: 10-9-79

The project was completed January 15, 1980. Final Estimate and Supporting Data submitted to Division office on April 18, 1980 and forwarded to Helena November 19, 1980. Final report.

FI 15-5(66) 277
Gore Hill Drainage
Cascade County
Length: 0 Miles
Contract Awarded: March 10, 1980
Amount of Contract: $143,968.50
Work Started: April 8, 1980

Hilde Const. Co. - Contr.
P.O. Box 2287
Great Falls, Mt. 59403
Walt Smith - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 45 Working Days
Comp. Date: July 25, 1980

The project was completed July 25, 1980. Final Estimate and Supporting Data submitted to Division office on November 25, 1980.

F 3-2(2) 23
Fairfield - East & West (No. Section)
Grade, Gravel & Surf.
Length: 4.6 Miles
Teton County
Contract Awarded: May 28, 1980
Contract Amount: $1,698,378.12
Work Started: June 25, 1980

McIntyre & S. Birch (J.V.)
P.O. Box 1267, Gt. Falls 59403
Tom Hammerbacker - Mgr. F.P.U.
Fairfield - Phone #467-2643
Comp. Time: 120 Working Days
Prob. Comp. Date: July, 1981
Effective Opening Date:

F 3-2(2) 23 Cont'd.

Progress has been good. The contractor, using a 15 man crew, continues crushing and stockpiling 1½" and 3/4" surfacing material. Also finished placing concrete headwall at station 687+25 and prepared street sections for winter in case first lift plant mix cannot be placed this season. Items and percentages complete are: 1½" Gr. 5 - 88%, 3/4" Gr. 2 - 1% and Class "DD" Conc. - 87%. The project as a whole is 62% complete with 74% of the contract time elapsed. A 13 man engineering crew is engaged in layout (95%), inspection and testing.

F-BRF 3-2(7) 60
Dupuyer - North & South
Structure and Approaches
Pondera County
Length: 0.033 Miles
Contract Awarded: Feb. 29, 1980
Contract Amount: $542,497.50
Work Started: March 21, 1980

McIntyre Const. & S. Birch (J.V.)
P.O. Box 2167, Gt. Falls 59403
Don Harrison - Mgr. F.P.U.
Dupuyer - Phone #472-3270
Harry Strong - Mgr. F.P.U.
Choteau - Phone #466-5671
Comp. Time: 120 Working Days
Prob. Comp. Date: Nov. 5, 1980
Effective Opening Date: 10-10-80

STRUCTURE
This portion of the project was completed and inspected on September 22, 1980. All items are now 100%. A 2 man engineering crew is engaged in compiling final data and other assignments.
ROADWAY
No progress during this reporting period. Work remaining consists of minor cleanup and seeding. Contractor on Suspend until weather permits favorable conditions for seeding. The project as a whole remains 95% complete with 78% of the contract time elapsed. Engineering crew is engaged in other assignments.

HES 10-1(3) 1 & F 10-1(2) 1
8th Ave. North with 14th & 15th Streets
Great Falls - Cascade County
Signals
Contract Awarded: Feb. 29, 1980
Contract Amount: $84,899.70
Work Started: June 2, 1980

Western Sign Corporation
P.O. Box 2669
Great Falls, Mt. 59405
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 45 Working Days
Prob. Comp. Date: Dec. 30, 1980

Progress has been good. The contractor, using a 3 man crew, has begun installing poles, mast arms and signal heads, which should be ready for inspection by factory representative during the week of December 1, 1980. Items and percentages complete are: All Conductor - 80% and Signal Heads - 50%. The project as a whole is 40% complete with 40% of the contract time elapsed. A 1 man engineering crew is engaged in layout (99%) and inspection.

HES 21-1(1) 3
Conrad - South
Safety
Pondera County
Contract Awarded: June 30, 1980
Contract Amount: $35,124.95
Work Started: July 15, 1980

Swan & Sons Const., Inc.
P.O. Box 111, RFD #1
Anaconda, Mt. 59711
Harry Strong - Mgr. F.P.U.
Choteau - Phone #466-5671
Comp. Time: 30 Working Days
Prob. Comp. Date: April 15, 1981

HES 21-1(1) 3 Cont'd.

No progress during this reporting period. All major items completed 7-25-80, except electrical. Winter shutdown now in effect. The project remains 57% complete with 13% of the contract time elapsed.

RS-TQS 220-1(3) 6
Farmington - North
8.5 Miles Grade, Gravel & Surface
W/2 Structures
Teton County
Contract Awarded: June 30, 1980
Contract Amount: $3,388,519.68
Work Started: July 25, 1980

Hilde Const. Co. - Contr.
P.O. Box 2287 - Gt. Falls 59403
Harry Strong - Mgr. F.P.U.
Don Harrison - Mgr. F.P.U.
Choteau - Phone #466-5671
Comp. Time: 150 Working Days
Prob. Comp. Date: Oct., 1981
Effective Opening Date:

STRUCTURES
Progress has been fair. Subcontractor, Cop Construction, using a 10 man crew, has completed the removal of the two old structures. They are presently engaged in placing "DD" Concrete for irrigation structures and will continue to do so while weather permits. They plan to drive piling for new structures in the spring. Items and percentages complete are: Remove Structures - 95% , "DD" Concrete - 18% and Pipe Supports - 80%. A 2 man engineering crew engaged in layout (30%), inspection and testing.
ROADWAY
Progress has been poor. The contractor, using a 13 man crew, conducted grading operations from 660 to 735, installing pipe, stockpiling topsoil and placing riprap material until November 25, 1980 when all operations were shut down for the winter. The PTW and detours at Jones Creek and Muddy Creek are in good condition. The project as a whole is 6% complete with 19% of the contract time elapsed. A 6 man engineering crew is engaged in layout (75%) and inspection.

HES 227-1(2) 6
Tracy Intersection
Lighting
Cascade County
Contract Awarded: Feb. 29, 1980
Contract Amount: $14,890.00
Work Started: May 20, 1980

Western Sign Corporation
P.O. Box 2669
Great Falls, Mt. 59403
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 45 Working Days
Comp. Date: Sept. 10, 1980

Project completed September 10, 1980. Final Estimate submitted to Division office on October 20, 1980.

RS-BRS 564-1(3) 4
Carter - North
Chouteau County
1.1 Miles Grade & Agg. Surf.
Structure - 232 Feet in Length
Contract Awarded: July 29, 1980
Amount of Contract: $998,726.97
Work Started: August 18, 1980

Wickens Bros.
222 S.W. Ash
Lewistown, Mt. 59457
Walt Smith - Mgr. F.P.U.
Tony Tomich - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 160 Working Days
Prob. Comp. Date: June, 1981
Effective Opening Date:

RS-BRS 564-1(3) 4 Cont'd.

STRUCTURE
Progress has been good. The structure is complete through beam elevation. During this period contractor worked a 3 man crew, forming wingwalls at Abutment No. 1 and tying resteel. He plans to place deck in the spring. Items and percentages complete are: AD Conc. - 80% and Resteel - 33%. The structure is 74% complete. A 3 man crew is engaged in layout, inspection and other assignments.
ROADWAY
Progress has been good. The contractor, using a 13 man crew, continues with grading operations throughout, also placing pipe and cutoff walls. He plans on moving crusher to the project during the first week in December to crush and stockpile surfacing material. Items and percentages complete are: Uncl. Exc. - 95%, Uncl. Borrow - 67%, Topsoil Salvage & Place - 72% and "DD" Concrete - 47%. The project as a whole is 68% complete with 39% of the contract time elapsed. A 5 man engineering crew is engaged in layout (94%), inspection and testing.

M 5201(5) U-1
6th St. S.W. - Gt. Falls (So. Section)
Cascade County
0.4 Miles Grade, Gravel & Surf.
Contract Awarded: June 29, 1979
Amount of Contract: $1,698,505.95
Work Started: July 26, 1979

Hilde Const. Co. - Contr.
P.O. Box 2287, Gt. Falls 59403
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 150 Working Days
Prob. Comp. Date: Dec. 1, 1980
Effective Opening Date: 10-9-80

No progress during this reporting period. All contract items are now complete. The remaining signal and delineation work will be done by Change Order and E.W.O. The project remains 99% complete with 99% of the contract time elapsed. The engineering crew is engaged in other assignments.

M 5201(5) U-3
6th St. S.W. - Gt. Falls (Middle Section)
Cascade County
0.3 Miles Grade, Gravel & Surf.
Contract Awarded: October 2, 1979
Amount of Contract: $899,050.40
Work Started: October 25, 1979

Long Const. Co., Inc.
P.O. Box 1690
Great Falls, Mt. 59403
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 120 Working Days
Prob. Comp. Date: Dec. 1, 1980
Effective Opening Date: 10-9-80

No progress during this reporting period. All contract items are now complete. The remaining delineation work will be done by E.W.O. The project remains 99% complete with 99% of the contract time elapsed. The engineering crew is engaged in other assignments.

M 5206(1)
5606(2)
6th & 9th Sts. at N.W. Bypass
Great Falls - Signals
Contract Awarded: June 30, 1980
Contract Amount: $78,474.00
Work Started: October 21, 1980

Rainbow Electric Co.
2220 River Drive
Great Falls, Mt. 59401
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 60 Working Days
Prob. Comp. Date: June, 1981

M 5206(1) & M 5206(2) Cont'd.

Progress has been good. The contractor, using a 3 man crew, has been installing conduit, rebar cages, anchor bolts and placing concrete pole foundations. Items and percentages complete are: Cl. "D" Conc. - 100%, 1" Conduit - 100%, 1½" Conduit - 50%, 2" Conduit - 67% and 2½" Conduit - 52%. The project as a whole is 5% complete with 22% of the contract time elapsed. A 1 man engineering crew is engaged in layout (75%) and inspection.

M 5210(4) U-1
Structure on 1st Ave. No. - Gt. Falls
Cascade County
962 Feet in Length
Contract Awarded: August 25, 1978
Amount of Contract: $5,188,929.19
Work Started: Sept. 21, 1978

Sletten Const. Co. - Contr.
P.O. Box 2467
Great Falls, Mt. 59403
Tony Tomich - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 450 Working Days
Prob. Comp. Date: Nov., 1980

All contract items were completed on October 16, 1980. Final inspection has been held and contractor is now engaged in cleanup of numerous minor items. The 3 man engineering crew is presently compiling final data and other assignments.

SOS 50(3) Phase 1
Walker Bridge - Muddy Creek
Teton County
Length: 133'
Agreement Approved: Jan. 4, 1980
Contract Awarded: March 17, 1980
Contract Amount: $146,001.14
Work Started: April 1, 1980 (Bridge)

Zion Construction Co.
P.O. Box 2082
Great Falls, Mt. 59403
Don Harrison - Mgr. F.P.U.
Dupuyer - Phone #472-3270
Comp. Time: 100 Working Days
Comp. Date: Sept. 22, 1980

Zion Construction completed structure September 22, 1980. Final inspection has been held with all items found to be acceptable. Final Estimate submitted to Division office November 13, 1980.

SOS 50(3) Phase 2
Walker Bridge Approaches - Muddy Creek
Teton County
Length: 0.44 Miles
Agreement Approved: Jan. 4, 1980
Contract Let: Nov. 10, 1980
Contract Awarded by Teton Co. 11-24-80
Contract Amount: $72,101.20
Work Started:

Zook Bros. Const. Co.
P.O. Box 2025
Great Falls, Mt. 59403
Stan Newton - Mgr. F.P.U.
Conrad - Phone #278-7931
Comp. Time: 60 Working Days
Prob. Comp. Date:

Project was awarded to Zook Bros. Const. Company by Teton County November 24, 1980. The preconstruction conference was held on the same day at Teton County Courthouse in Choteau. The slope staking is 100% complete. The contractor is not sure whether they will begin work this season or wait until spring. They estimate 12± working days to complete.

R.W. Freeman - P.E. - Supvr.
Division Construction Section

RWF/MRB/r

STATE OF MONTANA - DEPARTMENT OF HIGHWAYS
HAVRE, MONTANA
November 28, 1980

State of Montana - Department of Highways
Helena, Montana

Gentlemen:

Following please find division 3230 progress report for the period ending November 28, 1980.

G E N E R A L

The weather for the past reporting period has been fair to poor with some light snow and wind. The temperatures ranged from 0° to a + 53°.

P R E C O N S T R U C T I O N

FR 1-3 (5) 198, Glacier County Line-East
6.7 miles, Glacier County
Project Design

Jacob Liebelt, Engr. Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project this reporting period. Design as a whole remains 50% complete.

F-1-6 (5) Havre-East
8.0 miles, Hill County
Mapping Survey

Albert Ullrich, Field Project Mgr.
Havre, Montana
Telephone No. 265-5292

No work on this project this reporting period. The project is 35% complete with 20 mandays used to date.

FR-1-7 (1) 404 Chinook-East
9.7 miles, Blaine County
Pl. mix surf. overlay

Jacob Liebelt, Engr. Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project. One of the irrigation companies has been contacted and a review was made but have been unable to contact two other parties involved.

F10-2 (2) 79, Big Sandy-North
9.1 miles, Chouteau County
Project Design

Jacob Liebelt, Engr. Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project. The cross sections are plotted and inked. Plotting topog. on cross sections is 100% complete and hardshell is 100% complete. Design as a whole remains 50% complete.

S 241-1 (2) 30, Turner-Canadian Line
11.0 miles, Blaine County
Construction Layout

Albert Ullrich, Field Project Manager
Havre, Montana
Telephone No. 265-5292

A two to three man engineering crew began construction layout 11/20/80. 5 days were worked locating control points.

RS 236-2 (1) 65, Big Sandy-South
12.0 miles, Chouteau County
Preliminary Engineering

Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821

One man worked one manday compiling and checking notes in the office. The centerline, levels, cross-sections, general and utility topog. are all complete. The triangulation survey is 50% complete and the section ties are 10% complete. The field work is 80% complete with 311 mandays used to date.

RS-233-1 (2), Havre-North
12.0 miles Secondary Rte. 233
Project Design

Jacob Liebelt, Engr. Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project. Excavation computations and balancing quantities is complete. Design as a whole remains 25% complete.

F 44-1 (01), Valier-East
7.2 miles, Pondera County
Project Design

Jacob Liebelt, Engr. Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project this reporting period. Design as a whole remains 13% complete with 59½ mandays used to date.

RS 552-1 (01), Sunburst-East
10.0 miles, Toole County
Project Design

Jacob Liebelt, Engr. Officer I
Havre, Montana
Telephone No. 265-6821

Design plans were submitted to Helena on 6/12/80.

RS-409-1 (4) 3, Chester-North
5.2 miles, Liberty County
Construction Layout

Albert Ullrich, Field Project Manager
Havre, Montana
Telephone No. 265-5292

Three men worked 2 days locating control points. Project staking is 5% complete.

RS-TQS-464-1 (01), Browning-Babb
5.9 miles, Glacier County
Location Survey

Harold D. Kelly, Field Project Engineer
Shelby, Montana
Telephone No. 434-2022

A four man engineering crew worked 10 days taking profiles and cross-sections for bridge situations at sta. 773+00 to 777+00 and 723+00 to 735+00, making these siguations 75% complete. The survey as a whole is 20% complete with 70 mandays used to date. Fly line and distances remain 100% complete. Two days were lost due to high winds.

F 58-1 (3) Hudson Bay Divide-South
3.2 miles, Glacier County
Location Survey

Hugh Klepzig, Field Project Manager
Cut Bank, Mt.
Telephone No. 873-2112

No work on this project this reporting period.

C O N S T R U C T I O N

I-15-8 (37) 343
Toole Co. Line-North
8.3 mi. Toole Co.
pl. mix bit. surf.
seal & cover
Contract Let: 9/27/79
Contract Amount: $840,874.19
Work Started: 1/17/80

Zook Brothers Construction Company
Great Falls, Montana
Harold D. Kelly, Field Project Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 100 working days
Completion Date: 10/3/80

The contract was completed on Oct. 3, 1980. Certificate of completion is pending cleanup of cover material stockpile site. The survey crew is working on other projects. The final estimate remains approximately 90% complete.

I-FI-15-8 (26) 354 & I-15-8 (35) 353
Shelby-Oilmont Jct.
14.5 miles, Toole County
Grade, aggr., surf., pl. mix
bit. surf., and structures
Contract Let: 1/25/79
Contract Amount: $8,165,151.42
Work Started: 3/11/79

Zook Brothers Construction Company
Great Falls, Montana
Roadway:
James A. Dolan, Field Project Mgr.
Structures:
Glen E. Brown, Field Project Mgr.
Big Sandy, Montana
Telephone No. 386-2420
Contract Time: 240 working days
Opening Date: 9/22/80
Completion Date: 11/6/80

All contract items were completed on 11/6/80. A 4 man engineering crew worked 9 mandays checking notes and working on the final estimate. The estimated submittal date for the final estimate to the Division Office is March 1, 1981.

F-1-3 (6) 222
U.S. 2 & 2nd St. Int.-Browning
Glacier County
Install Traffic Signals
Contract Let: 6/19/80
Contract Amount: $37,784.65
Work Started: 7/17/80

Livesay Traffic Maintenance, Inc.
Great Falls, Montana
Hugh Klepzig, Field Project Manager
Cut Bank, Montana
Telephone No. 873-2112
Contract Time: 45 working days
Probable Completion Date: 12/31/80

No work this reporting period. The contractor will complete the work when the material arrives. The project as a whole is 33% complete with 0% of the contract time elapsed. A two man engineering crew is working on other projects.

RS-TQS 464-1 (2) 19 U-2
Browning-Babb (Duck Lake Road)
5.3 miles-Glacier County
Contract Let: 8/24/78
Contract Amount: $1,395,242.01
Work Started: 5/14/79

Rehbein Contracting Co., Inc.
Plains, Montana 59859
Hugh Klepzig, Field Project Mgr.
Cut Bank, Montana
Telephone No. 873-2112
Contract Time: 120 working days
Completion Date: 11/14/80

The contractor moved on to the project Nov. 14 with two men and seeded and fertilized the pit and haul road areas. The project is 100% complete with 100% of the contractor time elapsed. A four man engineering crew is engaged in seeding inspection, monumentation and on final estimate.

TQS 236-1 (3) 49 U.1& U.2
Winifred-Big Sandy
1.4 miles, Fergus-Chouteau Counties
Grade, gravel and structure
Contract Let: 7/24/80
Contract Amount: $3,311,034.38
Work Started: 9/11/80

Morgan & Oswood Construction Co., Inc.
Great Falls, Montana 59401
Structures:
Glen E. Brown, Field Project Mgr.
Big Sandy, Montana
Telephone No. 386-2420
Roadway:
Sam Hatty, Field Project Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 250 working days
Probable Completion Date: 9/30/81

STRUCTURE
Progress has been good. The prime contractor, Morgan & Oswood Const. Co., Inc. worked 8 eight hour shifts and 6 nine hour shifts with up to 10 men employed. Driving sheet piling, excavation completed, and test piles have been driven on pier no. 5. The project as a whole is 5% complete with 23.6% of contract time elapsed. A two man engineering crew is engaged in construction layout and inspection.

ROADWAY
Progress has been fair. The sub-contractor, Newman Construction Co., placed 9,000 cu. yds. of unclassified borrow on the roadway from sta. 10+00 to sta. 56+21 making this item 36% complete. The sub-contractor, G&L Contracting, Inc., placed a total of 158 cu. yds. of rip rap rt. of sta. 44+00 on Dog Creek and at the bridge end sta. 56+21 making this item 3% complete. Northwest Fence Products began installing fence on 11/14/80 with 408 rods placed to date making this item 40% complete. A four man engineering crew is engaged in roadway construction layout and inspection.

M5709 (3), Havre-13th Street
0.4 miles, Hill County
Gr. aggr. surf., pl. mix bit base
pl. mix bit. surf., pl. mix bit. base
storm drain and lighting
Contract Let: 5/3/79
Contract Amount: $733,255.51
Work Started: 5/21/79

Baltrusch Construction, Inc. &
Affiliates - Havre, Montana
Samuel Hatty, Field Project Mgr.
Havre, Montana
Telephone 265-6821
Contract Time: 90 working days
Completion Date: 7/15/80

Two men have been working on the final estimate as time permits. The estimated submittal date to the Division Office is 2/1/81.

RS-233-1 (3) 0, Havre-North
9.7 miles, Hill County
Aggr. surf., pl. mix bit. base surf.,
seal and cover
Contract Let: 11/29/79
Contract Amount: $1,187,003.20
Work Started: 4/24/80

Hilde Construction Co., Inc.
Great Falls, Montana 59401
Samuel Hatty, Field Project Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 100 working days
Completion Date: 9/6/80

Two men have been working on the final estimate as time permits. Estimated submittal date to the Division Office is 3/1/81.

SMP 5199-80
Crushing & Stockpiling
Glacier, Liberty, Pondera
& Toole Counties
Contract Let: 4/5/80
Contract Amount: $208,190.00
Work Started: 5/27/80

Felton & Jensen (Joint Venture)
Missoula, Montana 59807
Al Ullrich, Field Project Mgr.
Havre, Montana 59501
Telephone No. 265-5292
Contract Time: 70 working days
Completion Date: 10/9/80

The engineering crew is working on other projects. The final estimate and supporting data will be submitted after further checking of notes.

F-1-6 (4) 288 Havre-East
Rest Area Upgrading
0.0 miles, Hill County
Contract Let: 8/21/80
Contract Amount: $10,160.00
Work Started: 9/12/80

Brummer Construction Co.
Chinook, Montana
Al Ullrich, Field Project Mgr.
Havre, Montana 59501
Telephone No. 265-5292
Contract Time: 20 working days
Probable Completion Date: 11/31/80

No progress this reporting period. The contractor is waiting for final approval and delivery of materials. The contract as a whole is 47% complete with 0% of the contract time elapsed. The engineering crew is working on other projects.

Respectfully submitted,

Jacob Fickbert E.O.I

For: Hazen D. Flickinger, P.E., Supervisor
Division Construction Section - Havre

HDF/JL/ew

DIVISION OFFICE
GLENDIVE, MONTANA
NOVEMBER 28, 1980

DEPARTMENT OF HIGHWAYS
Helena, Montana

PROGRESS REPORT
Division 4130

Herewith is the Construction News Letter for the period ending Nov. 25, 1980.

GENERAL

Progress throughout the Division has been fair. Weather was mostly fair with temperatures ranging from plus 15 degrees to plus 45 degrees.

PRECONSTRUCTION

FR 20-1(1)19, GLENDIVE-SIDNEY
Length - 10.0 Miles
Survey Authorized - July 8, 1980
Survey Started -
Survey Completed -

G.L. Kuester, Designer III
Glendive, Montana - Phone 365-5296
Design Started - July 3, 1980
Est. Design Comp. Date - June, 1981

Sixteen mandays were used on location cross sectioning approaches and areas for guard rail profile. Two mandays were used on design plotting guard rail profile. Location work is 50% complete with 30 mandays used and design is 25% complete with 7½ mandays used to date.

F 20-2(1)33, SAVAGE - CRANE
Length - 8.0± Miles
Survey Started - December 11, 1972

G.L. Kuester, Designer III
Design Started - August 4, 1975
Est. Comp. Date - Oct. 1981

During the past period 7½ mandays were used placing line projections on cross sections. Design is 45% complete with 298½ mandays used to date.

RF 20-2(2), SIDNEY - FAIRVIEW
Length - 11.6± Miles
Survey Authorized - October 6, 1975
Survey Started - October 22, 1975
Date Survey Resumed - March 9, 1978

Robert A. Passow, Field Proj. Mgr.
Glendive, Montana - Phone 365-5296
Est. Comp. Date - Oct. 31, 1980
Christian Spring Sielback & Assoc.
2020 Grand Ave., Billings, MT 59102
Est. Design Comp. Date - July 1981

The survey is 100% complete except for minor work on bridge situations. Survey data was submitted to Helena for consultant design on July 29, 1980. A public location and design hearing was held July 9, 1980. No word has been received from the consultants on design progress.

F 25-1(1), CIRCLE - NORTH
Length - 8.4 Miles
Survey Authorized - March 16, 1977
Survey Started - January 6, 1978
Design Started - January 29, 1979

John Berres, Eng. Off. I
Glendive, Montana - Phone 365-5296
Est. Comp. Date - Sept. 1982

No field work on this project this past period. Centerline run, B.M.'s, cross section, horizontal and vertical photogrammetry control and drainage recommendations are 100% complete. Field notes checked and section ties are 92% complete. A total of 572.5 mandays have been worked making the project 95% complete. Design remains 11% complete with 69½ mandays used.

PROGRESS REPORT

PRECONSTRUCTION

FR 27-2( )35, BAKER NORTH
Length - 8.8 Miles
Survey Authorized - November 5, 1980
Survey Not Yet Started
Design Not Yet Started

Melvin Kegley, Field Project Manager
Glendive, Montana - Phone 365-2877
Estimated Comp. Date: May, 1981

Work on this project will begin during the coming period.

S 201-2(1)39, PRESSERVILLE - FAIRVEW
Length - 6.0 Miles
Survey Authorized - December 23, 1969
Survey Started - February 8, 1971
Survey Completed - April 6, 1971

G.L. Kuester, Designer III
Glendive, Montana - Phone 365-5296
Design Started - July 1, 1971
Est. Design Comp. Date - Dec., 1982

Design of this project remains 11% complete with 39 mandays used to date. A meeting with the County Commissioners is pending to determine what design to complete.

S 252-1(01), CIRCLE - NORTHWEST
Length - 11.145 Miles
Survey Authorized - March 20, 1974
Survey Started - September 17, 1975
Survey Resumed - January 24, 1978

G.L. Kuester, Designer III
Glendive, Montana - Phone 365-5296
Design Started - March 13, 1979
Est. Design Comp. Date - March, 1981

No work on this project during the past period awaiting P.I.H. recommendations. Design is 53% complete with 174½ mandays used to date.

RS 253-2(1)36, BROCKWAY - SOUTH
Length - 9.9 Miles
Survey Authorized - March 20, 1975

Unassigned

Work will begin when personnel are available. A public hearing was held on August 10, 1976.

S 323-1(1)47, ALZADA - EKALAKA
Length - 18.4 Miles Ground Control
Survey Authorized - March 4, 1970

Melvin R. Kegley, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Est. Design Comp. Date - June, 1981

Horizontal control and elevations are 100% complete. Mapping has been completed by the Photogrammetric Unit. Cross section mapping on plan sheets are complete. During this past period, twelve mandays were used in the field cross sectioning culverts. Ten mandays were used working on field cross section notes in office. A total of 440.5 mandays used to date.

CONSTRUCTION

IR 94-4(33)154, PRAIRIE COUNTY LINE EAST & WEST
Length - 11.9 Miles
Plant Mix Bituminous Overlay
Contract Awarded - August 28, 1980
Amount of Contract - $959,361.39
Work Started - September 25, 1980

R.J. Studer & Sons
Box 20204, Billings, MT 59104
H.D. Kelly, Field Project Manager
Glendive, Montana - Phone 365-2877
Contract Time - 80 Working Days
Est. Comp. Date - June, 1981
Eff. Opening Date - N/A

The contractor worked one 9-hour and two 8-hour shifts this past period completing crushing and stockpiling 3/4" P.M. Surf. Agg. Gr. B. Approximately 26,400 Ton of coarse material was produced. Also 1500 Ton of 3/4" C.T.S. Type "A" Grade 2 was crushed and stockpiled, making the crushing and stockpiling 100% complete. Construction layout remains 90% complete with 1 man assigned testing and 1 to 2 men part-time in field and in office. Contract as a whole remains 0% complete with 19 work days used or 24% of the contract time elapsed.

PROGRESS REPORT

CONSTRUCTION

I 94-5(21)181, FALLON - DAWSON CO. LINE
Length - 6.7 Miles
Pl. Mix Bitum. Surf. Seal & Cover
Contract Awarded - October 2, 1979
Amount of Contract - $1,050,861.36
Work Started - March 21, 1980

Zook Brothers Construction Co.
Great Falls, Montana
H.D. Kelly, Field Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 100 Working Days
Comp. Date - November 20, 1980
Effective Opening Date - N/A

This contract was completed on November 20, 1980. Reclamation, conditioning seedbed, fertilizing and seeding was completed on the gravel pit area. Two to three men worked two variable length shifts in completing this work. The project is 100% complete, 76 working days were used or 76% of the contract time allowed. One to two men assigned part-time on seeding inspection and completing final notes and estimate. Semifinal was submitted to Division Office for checking on November 25, 1980, where checking will resume during the coming period.

I 94-6(26)216, WIBAUX CO. LINE-WEST (WEST SECTION)
I 94-6(29)226, U-2, WIBAUX CO. LINE-WEST(EAST SECT)
I 94-6(30)221, U-2, WIBAUX CO. LINE-WEST(MIDDLE SECT)
Length - 16.9 Miles
Grade, Drain, Agg. Surf., Plant Mix Surf.
Signing, Guard rail, and Structures
Contract Awarded - August 24, 1979
Amount of Contract - $11,396,442.47
Work Started - October 9, 1979

Duininck Brothers & Gilchrist
Box 208, Prinsburg, Minn. 56281
Bernard F.Kelly, Fld. Proj. Mgr.-Rdwy.
Ken Quale, Fld. Proj. Mgr. -Structure
Glendive, Montana - Phone 365-5296
Contract Time - 250 Working Days
Probable Comp. Date - June 1981
Effective Opening Date - Nov. 8, 1980

Progress this past period has been fair. Prime contractor, Duininck Bros. & Gilchrist employed 19 men working eight 9-hour shifts removing crossover at Sta. 930+ and cleaning up gravel pit area. Sub-contractor, One Way Sign employed ten men working one 7-hour shift and ten 9-hour shifts installing guard rail and signing items throughout project, making their sub-contract approximately 80% complete. The project is 95% complete with 194 working days or 77.6% of the contract time elapsed. Layout is 90% complete with a twelve man engineering crew assigned.

IR 94-7(15)233, WIBAUX EAST & WEST (EAST SECTION)
Length - 6.5 Miles
Plant Mix Bitum. Surf., Seal & Cover
Contract Awarded - May 10, 1979
Amount of Contract - $872,076.50
Work Started - July 20, 1979

Meyer Construction Company
Box 1417, Billings, MT 59103
Victor Scheuffele, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Contract Time - 100 Working Days
Probable Comp. Date - April 1981
Effective Opening Date - N/A

All items on the project are complete with the plant site and stockpile areas remaining to be seeded. The project is 99% complete with 98 working days or 97% of the contract time elapsed. One man assigned part-time.

PROGRESS REPORT

CONSTRUCTION

F 57-5(2)248, FLOWING WELL REST AREA
Comfort Station Renovation
and Upgrading
Contract Awarded - August 28, 1980
Amount of Contract - $15,525.00
Work Started - September 18, 1980

Sletten Construction Co.
Box 2467, Great Falls, MT 59403
Victor R. Scheuffele, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Contract Time - 20 Working Days
Est. Comp. Date - January 1981
Effective Opening Date - N/A

Progress this past period has been good. Jimco Electric Co., sub-contractor, worked one man one day, installing the electrical portion of the work. The remainder of the work will be completed as soon as materials arrive on the project. The project is 47% complete with 3 working days or 15% of the contract time elapsed. One man assigned part-time.

F 57-7(5)328, MERRILL AVENUE - GLENDIVE
Length - 0.7 Miles
Grading, Aggr. Surf., Pl. Mix Surf, Seal Cover, Curb & Gutter, Signing & Lighting
Contract Awarded - February 20, 1979
Amount of Contract - $1,272,404.81
Work Started - May 10, 1979

Gus M. Albert, Contractor
Box 370, Miles City, MT 59301
H.D. Kelly, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 110 Working Days
Comp. Date - August 5, 1980
Eff. Opening Date - October 12, 1979

The project was completed August 5, 1980 using 135 of 142 working days or 95% of contract time allowed. Final estimate submitted to Division Office for final checking on August 22, 1980, where final checking remains 90% complete pending approval of Change Order No. 16.

Respectfully,

For Bruce Russell, P.E., Supervisor-
Division Construction Section

BR/JMB/jg

cc: Div. File

DEPARTMENT OF HIGHWAYS
Wolf Point, Montana
December 1, 1980

PROGRESS REPORT

Division 4230

Department of Highways
Helena, Montana

Gentlemen:

The following Construction Progress Report is for the period ending November 28, 1980.

GENERAL

Weather the past period has varied from cool to warm temperatures with snow flurries. Progress on road and bridge construction has been fair. The temperatures ranged from a low of 12 to a high of 54 degrees.

PRECONSTRUCTION

F 22-2(01), Plentywood-South
Formerly F 193(22)
Approximately 10 Miles in Length
Authorized - 05-27-70
Location Survey Started - 12-09-74
Location Survey Completed - 05-02-79

Robert M. Hanson, Eng. Off. I
Wolf Point, Montana
653-1050
Design Started - 09-01-78
Compl. Date (PIH) - 09-15-80

P.I.H. for subject project was completed on October 29, 1980. Design remains 50% complete.

F 32-1(01), Macon-North
Formerly RF 266(11)
Approximately 10 Miles in Length
Location Survey Started - 12-22-76
Authorized - 11-04-76
Compl. Date - 06-14-79

Robert M. Hanson, Eng. Off. I
Wolf Point, Montana
653-1050
Design Started - 12-28-78
Est. Compl. Date (PIH) - 03-15-81

Location survey field work is 100% complete. No man days were used on design this period. A total of 43 man days used to date. Desgin remains 7% complete.

F 32-2(02), Scobey-South
Formerly RF 266(14)
Approximately 11.4 Miles in Length
Authorized - 01-22-75
Location Survey Resumes - 01-11-79
Location Survey Suspended - 03-30-79

Robert M. Hanson, Eng. Off. I
Wolf Point, Montana
653-1050
Design Started - 06-01-79
Est. Compl. Date (PIH) 03-15-81

No man days used on design this period for a total of 28 man days used to date. Design is 3% complete.

FR 17-1(1)3, Nashua-Southwest — *Douglas Durocher, Fld Proj Mgr*
Approximately 8.6 Miles in Length — *Glasgow, Montana*
Authorized - 07-02-80 — *228-2717*
Location Survey Started - 06-23-80 — *Est. Comp. Date -*

No work on this project this past period

F 62-1(3), Missouri River Bridge — *James E. Baldwin, Fld Proj Mgr*
South of Culbertson — *Culbertson, Montana*
Location Survey Started - 02-20-79 — *Est. Comp. Date -*

Bridge site situation sheet submitted to Helena on 05-23-79. A total of 15 man days have been used to date on location survey.

S TQS 469-1(1), Snowden Bridge — *James E. Baldwin, Fld Proj Mgr*
Approximately Miles in Length — *Culbertson, Montana*
Authorized - 09-20-79 — *787-5701*
Location Survey Started - — *Est. Comp. Date - 09-15-80*
Location Survey Completed -

No man days used this past period. Coordinate sheets submitted to Helena on 10-22-80.

RS 258-1(1)0, Reserve-East — *James E. Baldwin, Fld Proj Mgr*
Approximately 11.0 Miles in Length — *Culbertson, Montana*
Authorized - 08-24-79 — *787-5701*
Suspended - 03-28-80 — *Est. Compl. Date - 06-01-81*
Four man crew worked 28 man days this past period searching for section corner stones and pins and making ties. Percentages complete are: Centerline 100%; Bench Levels 100%; Section Ties 10%. The survey as-a-whole is 26% complete with 237 man days used to date. Estimated date of completion is June 1, 1981.

RS 344-1(2)15, Froid-West — *Robert M. Hanson, Eng. Off. I*
Approximately 7.5 Miles in Length — *Wolf Point, Montana*
Authorized - 05-01-78 — *653-1050*

No man days used this period. Total of 31 man days used. The cross-sections are 90% complete. Desgin is 8% complete.

BR 9036(9), Beaver Creek Bridge — *Douglas Durocher, Fld Proj Mgr*
Approximately 0.2 Miles in Length — *Wolf Point, Montana*
Authorized - 02-20-80 — *653-1050*

Location survey is 100% complete. All field notes and supporting data was submitted to the division office on March 24, 1980; all data submitted to Helena on 10-29-80 via Don Anderson.

CONSTRUCTION

F TQF 1-9(3)537, F 1-9(5)542, HHS 1-9(6)541 — *Earth Builders, Inc.*
& F 42-3(3)75, Glasgow-Northwest — *Bismarck, North Dakota*
6.3 Miles in Length — *James E. Baldwin, Fld Proj Mgr*
Grading, Aggregate Surfacing, Plant Mix — *Glasgow, MOntana*
Base & Surfacing, Storm sewers, Signing — *228-2717*
Two 114.0 Concrete Slab Bridges, Seal & Cover — *Working Days - 180*

F TQF 1-9(3)537, F 1-9(5)542, HHS 1-9(6)541
& F 42-3(3)75, Glasgow-Northwest (Cont.)

Contract Let - 08-24-78
Contract Awarded - 08-25-78
Proceed Order Date - 09-15-78
Work Started - 09-26-78
Amount of Contract - $3,256,676.00

Act. Compl. Date - 11-06-80
Effective Opening Date - 08-13-80

Two man fencing and seeding crew returned to the project on November 4, 1980. Worked 2-8hour shifts completed removing temporary fence on the west end of the project and completed all seeding of bared slopes and ditches on the entire project, along with the gravel pit. Project completed and final inspection made on November 6, 1980. The project as-a-whole is 100% complete with 180 days or 98% of the contract time elapsed. A six man crew worked on final quantity checking when time permits. Estimated date of submittal of the final estimate is March 1, 1981.

RS BRS 246-1-(3)0, Tampico-Southeast
7.4 Miles in Length
Grading, Aggregate Surfacing
Plant Mix Base Sur., Seal &
Cover, Girder Bridge
Contract Let - 04-03-80
Contract Awarded - 04-05-80
Proceed Order Date - 04-28-80
Work Started - 07-07-80
Bid Price - $1,176,922.59

Hilde Construction
Great Falls, Montana
Douglas Durocher, Fld Proj Mgr-Road
Larry Greufe, Fld Proj Mgr-Bridge
Glasgow, Montana
228-2717
Working Days - 110
Est. Compl. Date -

Progress this past period has been fair. Prime contractor, Hilde Construction Company, Inc. employed 3 to 4 men on 3 nine hour shifts completing removal of the detour, gneral clearup and moving out equipment. Sub-contractor, One Way Sign and Construction, employed 2 to 3 men on 4 various length shifts installing signs, delineators and guard rail. Sub-contractor, Clark and Son Fencing, employed 4 men on 3 shifts seeding and fencing the contractor optioned gravel pits and borrow areas. Sub-contractor, Mark Rite Lines, worked 1 four hour shift with 3 men employed placing Interim pavement markings throughout the project. All roadway items are now 100%complete with the exception of Seal and Cover which will be completed in the spring. Structure items are 100% complete with the exception of painting the girders and a few minor items that will be completed after the painting season begins next spring. The project as a whole is approximatel 89% complete with 105 days or 93% of the contract time elapsed. Construction layout is 99% complete with a 7 man engineering and inspection crew assigned.

Ed Thompson

Vernon D. Borden, P.E., Supr.
Division Construction Section

VDB:RH:cc
cc Field Project Managers
Don Williams
Leroy Anderson
File

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

Billings, Montana
November 27, 1980

Following is the Preconstruction and Construction Progress Report in Division 5130 for the period ending November 27, 1980.

GENERAL

Temperatures ranging from +16 to +57 degrees prevailed with a trace of precipitation received during the reporting period. The majority of the construction projects reported fair to good progress during the past reporting period.

PRECONSTRUCTION

F 4-1(2)26 Bridger - Fromberg
Length: 7.448 Miles
Design Received: 5-26-78
Design Started: 7-1-78

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 10-30-81

No work was accomplished on this project during the past reporting period. Design work remains 50% complete.

F 23-1(2)2 Miles City South - No. Sec.
5.646 Miles Design Work
Design Started: 11-20-78

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 10-30-81

One man worked on this project during the past reporting period, attending the pre-plan in hand inspection in Miles City on November 25, 1980. A number of design changes were suggested and a detailed report will be submitted. Design work remains at 25% complete.

M 1020(1) 1st Ave. No. - Billings
Division Street to 22nd Street
1.0 Miles Design Work
Design Started: 6-5-79

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 6-27-81

Two men worked on this project during the past reporting period reviewing underground vault data received from the City. Additional underground electrical conduit was entered on the plan and profile sheets and cross-sections. Design work remains at 12% complete.

RS 306-1(1)0 Columbus - North
3.887 Miles Design Work
Design Received: 3-30-77
Design Started: 9-15-77

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 4-1-82

Two men worked on this project during the past reporting period, estimating acreages for the drainage survey and plotting templates on the cross-sections. Design work remains at 25%.

RS 308-1(4)9 Belfry West
5.244 Miles Design Work
Design Started: 5-21-79

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 4-8-83

No work was accomplished on this project during the past reporting period. Design work is 12% complete.

DP 384-2(1) Sarpy Creek Rd., No. Sec.
11.218 Miles Design Work
Design Work Not Started

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 9-30-82

No work was accomplished on this project during the past reporting period. Design work is 1% complete.

DP 37-1(1)9 Crow Agency - Busby (Ctr. Sec.)
8.812 Miles Design Work
Design Started: 2-22-78

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 12-12-80

No work was accomplished on this project during the past reporting period. Design work remains 28% complete.

DP 37-1(1)18 Crow Agency - Busby (East Sec.)
9.446 Miles Design Work
Design Started: 5-16-80

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 4-3-81

Two men worked on this project during the past reporting period checking and inking cross-sections and reviewing and adjusting proposed grade lines. Design work is 11% complete.

DP 314-1(1)18 Decker - Busby
Length: Approximately 15 Miles
Survey Authorized: 4-30-79
Survey Began: 10-1-79

Gerald M. Loran, Fld. Prj. Mgr.
Billings, Montana
Phone No. 248-3827

Four men worked 20 man-days tying section corners to the aerial ground control points. Section ties are approximately 40% complete.

PRECONSTRUCTION

FR 28-2(4)70 Red Lodge - Boyd
Length: 20.6 Miles
Survey Authorized: 7-22-80
Survey Began: 8-25-80

Gerald M. Loran, Fld. Prj. Mgr.
Billings, Montana
Phone No. 248-3827

Progress this reporting period has been fair. A six man survey crew worked 8-8 hour shifts running line, R.P. line and levels. The center line is now run from Sta. 0+00 to Sta. 530+00, R.P. line from Sta. 0+00 to Sta. 530+00. The levels are run from Sta. 0+00 to Sta. 530+00.

IR 90-8(83)388 Reedpoint East (Overlay)
Length: 7.8± Miles
Survey Authorized: 2-7-80
Survey Began:

Unassigned

Work on the survey will begin when personnel are available.

IR 90-8(92)437 Mossmain - Lockwood
Length: 11.0 Miles
Survey Authorized: 7-28-80
Survey Began:

Unassigned

Work on the survey will begin when personnel are available.

CONSTRUCTION

IR 90-3(50)184 U-1 & IR 94-1(45)16 U-2
Replacement of Sliding Plate Expansion Joints - Big Horn, Gallatin, Park, Stillwater, Treasure & Yellowstone Counties
Contract Awarded: 5-30-80
Amount of Contract: $731,324.00
Proceed Order Date: 6-25-80
Work Started: 10-9-80

Skinner Enterprises
Helena, Montana
Kenneth Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 150 Working Days
Probable Completion Date: 5-15-81
Effective Opening Date: N/A

The contractor began work on October 9, 1980 in the Bozeman Division. At this time, no work has been done in the Billings Division.

I 90-9(33)516 Lodge Grass No. - No. Sec.
9.146 Miles Grade, Drain, PMBB, PMBS and Structures
Big Horn County
Contract Awarded: 3-1-79
Amount of Contract: $9,162,711.88
Proceed Order Date: 3-1-79
Work Started: 4-16-79

Hilde Construction Co., Inc.
Great Falls, Montana
Raymond Schaak, Fld. Prj. Mgr. Rdwys.
Lodge Grass, Montana
Phone No. 639-2964
Don Taylor, Fld. Prj. Mgr. Struct.
Billings, Montana
Phone No. 252-4138
Contract Time: 300 Working Days
Probable Completion Date: 11-30-80
Effective Opening Date: 9-25-80

Good Progress. The fencing and seeding sub-contractor, Swan and Sons Const., worked 3-8 hour shifts employing 3 men hydro-seeding the remaining area 2 acres.

I 90-9(33)516 Lodge Grass No. - No. Sec. (Cont.)

This completes all work items on the project. The project was accepted as complete on November 24, 1980, by the Division Construction Supervisor. An 8 person engineering crew worked 9-8 hour shifts checking field notes, and on construction inspection. The project is 100% complete, with 85% of the contract time elapsed.

I 90-9(54)525 & F 73-1(2)0
Lodge Grass No. - So. Section
& Lodge Grass I Conn.
6.6 Miles Grading, Drain, PMBB
PMBS and Structures
Big Horn County
Contract Awarded: 4-4-79
Amount of Contract: $9,400,893.08
Proceed Order Date: 5-2-79
Work Started: 5-14-79

Peter Kiewit & Sons' Company
Billings, Montana
Roddo Bakich, Fld. Prj. Mgr., Rdwys.
Lodge Grass, Montana
Phone No. 639-2968
James Rangitsch, Fld. Prj. Mgr., Str.
Billings, Montana
Phone No. 252-4138
Contract Time: 300 Working Days
Probable Completion Date: 11-30-80
Effective Opening Date: 9-25-80

Progress during this reporting period has been fair. Swan & Sons, Fencing and Seeding Sub-contractor, worked 6½ days employing an average of three persons. Work in progress was drill seeding throughout project and hydro seeding Sta. 780+00 to 890+00 lt. and rt. The fencing item is 99% complete and seeding item is 38% complete. Mark Rite Lines, Inc., Striping sub-contractor, worked ½ day employing two persons. They placed 2 "Stop Ahead" assemblies on the A-4 ramp and 1 on the Connection Road. Percentage complete of various items are Grading Items 100%, Drainage Items 100%, Surfacing Items 100%, Misc. Items 100%, Concrete Items 100% and Signing and Guardrail 100%. The project is 98% complete with 82% of the contract time elapsed. Nine persons were assigned to the project for engineering, construction inspection and checking of final field quantities. The engineering is 96% complete.

DP 314-1(3)0 Wyoming Line - Northwest
3.7 Miles
Plant Mix Surf. Overlay & Striping
Big Horn County
Contract Awarded: 7-6-79
Proceed Order Date: 7-27-79
Amount of Contract: $627,600.37
Work Started: 8-20-79

James Kraus, Contractor
Great Falls, Montana
Gerald M. Loran, Fld. Prj. Mgr.
Billings, Montana
Phone No. 248-3827
Contract Time: 60 Working Days
Completion Date: 7-24-80
Effective Opening Date: N/A

The project is 100% complete with 100% of the contract time elapsed. The final estimate has been submitted to the Division office for checking. Completion of checking of the final estimate is waiting for submission of information by the contractor.

DP 37-1(4)12 Temporary Detour on Crow Agency - Busby (Center Section)
0.0 Miles
Grade, Drain, Agg. Surf., PMS
Big Horn County
Contract Awarded: 4-5-80
Amount of Contract: $188,182.10
Proceed Order Date: 4-28-80

Hilde Construction, Inc.
Great Falls, Montana
Gerald M. Loran, Fld. Prj. Mgr.
Billings, Montana
Phone No. 248-3827
Contract Time: 60 Working Days
Probable Completion Date: 11-30-80
Effective Opening Date: 7-11-80

The contractor worked one 8 hour shift seeding and fertilizing the project. All items are now 100% complete. The project as a whole is 100% complete with the contractor using 93% of his alotted time of 60 days or a total of 56 days used. One engineering person was employed on inspection for one 8 hour shift.

SR 302-1(2)10 Molt - Billings Road
6.7 Miles
Plant Mix Surf. Overlay
Yellowstone County
Contract Awarded: 8-28-80
Amount of Contract: $711,849.20
Proceed Order Date: 9-19-80
Work Started: 8-28-80

R. J. Studer & Sons
Billings, Montana
Gerald M. Loran, Fld. Prj. Mgr.
Billings, Montana
Phone No. 248-3827
Contract Time: 60 Working Days
Probable Completion Date: 6-1-81
Effective Opening Date: N/A

Progress this past reporting period has been fair. The contractor worked 6-8 hour shifts on blading up the shoulders and the inslopes, brooming and striping the center line and shoulders, and on general clean up. All major items are 100% complete with the exception of the seeding and fertilizing and the chip sealing portion of the project. The seeding is to be done the week of November 24, 1980, and the chip sealing will be done after May 15, 1981. The project as a whole is 75% complete with 49% of the contract time elapsed. One engineering person was employed on the project on inspection.

RS 384-1(7)20 Hardin-Sarpy Cr.
Length: 0.039 Miles
Slide Correction
Big Horn County
Contract Awarded: 8-28-80
Proceed Order Date: 9-19-80
Amount of Contract: $149,267.10
Work Started: 9-4-80

Swan & Sons Construction, Inc.
Anaconda, Montana
George H. Hein, Fld. Prj. Mgr.
Hardin, Montana
Phone No. 665-3666
Contract Time: 60 Working Days
Probable Completion Date: 11-30-80
Effective Opening Date: 11-4-80

Progress has been fair this reporting period. The contractor employed an average of four men working 4 eight hour shifts. Fencing operations started on 11-10-80, and were completed on 11-11-80. Guardrail operations were completed on 11-17-80. The contractor seeded 3.9 acres of area 1 on 11-19-80, and plans to seed 0.6 acres of area 2 when their Hydroseeder is available. Only seeding of area 2 and striping remains to be completed on the project. The project as a whole is 98% complete with 52% of the contract time elapsed. A three man engineering crew is assigned to the project for inspection and office work. Construction layout is 100% complete.

F 16-1(11)1 Var. Int. - Billings
0.0 Miles
Traffic Control Devices
Yellowstone County
Contract Awarded: 6-8-79
Amount of Contract: $345,143.00
Proceed Order Date: 6-29-79
Work Started: 7-23-79

Midland Electric Co. & One Way Sign Company (J. V.)
Billings, Montana
Kenneth Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 60 Working Days
Completion Date: 5-22-80
Effective Opening Date: N/A

All work in the project has been completed with 55 working days elapsed and a total of 7 working days remaining. One man has worked seven man-days in the office on notes, quantities, and material for the final estimate which should be turned in to the Division office on or about December 15, 1980.

HES 1025(2) 6th St. West Overpass - Billings
Ice Warning System
Yellowstone County
Contract Awarded: 6-8-79
Amount of Contract: $52,973.30
Proceed Order Date: 6-29-80
Work Started: 12-26-79

Yellowstone Electric Company
Billings, Montana
Kenneth Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 30 Working Days
Probable Completion Date: 11-30-80
Effective Opening Date: N/A

All work on the project has been completed by the contractor and he has been issued a suspend work order, but the project cannot be certified complete until the representative from Surface Systems, Inc., corrects the malfunction of the equipment. Contract time elapsed is 21 working days or 70% to date and a total of 9 working days remain.

M 1018 (4) 4th and 6th Ave. N. Couplet
Billings
0.9 Miles Grade, Gravel, PMS, Stm. Sewer
Lighting and Signals
Yellowstone County
Contract Awarded: 5-28-78
Proceed Order Date: 6-19-80
Work Started: 6-23-80
Amount of Contract: $1,998,367.50

Meyer Construction Company
Billings, Montana
Don Kittelson, Fld. Prj. Mgr.
Billings, Montana
Phone No. 245-2101
Contract Time: 120 Working Days
Probable Completion Date: 5-1-81
Effective Opening Date:

Progress this reporting period has been fair. Work in progress during this period consisted of Surfacing, Seeding and Lighting. Surfacing work was being done on 6th Ave. No. from Sta. 46+25 to Sta. 49+50, including the Conn. to PTW, with 1½" CBC and 1½" Plant Mix Base being placed. The Plant Mix Base has been nearly completed on 6th Ave. No. Plant Mix Surfacing aggregate is being crushed and stockpiled. Water Valve adjusting and general winter cleanup work is being done throughout the project. The seeding, fertilizing and mulching was being done on 6th Ave. No. and in Waste Areas No. 1 and 2. Lighting work was being done on 6th Ave. No. from Sta. 0+12 to Sta. 49+60 with 1" and 2" conduit and light bases being installed. The contractor, Meyer Const. Co.,

M 1018(4) 4th & 6th Ave. No. Couplet (Cont.)

worked ten eight hour shifts with twenty-five men employed on the surfacing and cleanup work. The sub-contractor, Greenway Hydroturfing, worked three eight hour shifts with two men employed on the seeding. The sub-contractor, Midland Electric worked four eight hour shifts with two men employed, four eight hour shifts with three men employed and two eight hour shifts with four men employed on the lighting. The Miscellaneous items are 38% complete; the Grading items remain 95% complete; the Drainage items are 100% complete; the Surfacing items are 56% complete; the Curb and Gutter items remain 40% complete; the Lighting items are 12% complete; the Signing items remain 5% complete; the Seeding items are 70% complete. The project as a whole is 61% complete with ninety of the 123 working days allowed having been used or 73% of the contract time elapsed. A ten man survey and inspection crew worked ten days on the project during this period measuring seeding areas and laying out the striping on 6th Ave., No. 15th, No. 10th, and No. 7th streets, and construction inspection. One man is assigned to the office. Engineering layout is 63% complete.

FAS 314 Relocation: Decker-Busby
By Northern Energy Resources
5.6 Miles Road Relocation
Big Horn County
Proceed Order Date: 5-1-79
Work Started: 8-13-79

Washington Const. Co., Inc.
Missoula, Montana
Victor Scheuffele, Fld. Prj. Mgr.
Decker, Montana
Contract Time: 448 Calendar Days

Conditional acceptance of the project was made on 7-24-80. Final acceptance will be made when remaining minor items are completed.

Respectfully submitted,

C. W. Klimper, Supervisor
Division Construction Section

CWK/MCV/bj

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
November 28, 1980

Department of Highways
Helena, Montana

Progress Report
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending November 28, 1980, for Division 5230 - Miles City, Montana.

GENERAL

Partly cloudy skies and normal temperatures prevailed during the period. Temperatures ranged from 15° to 47°. Construction operations are in progress on Montana 39 from two to five miles North and from Colstrip to one mile South. Traffic is using the new roadway from 2.5 to 3.5 miles North of Colstrip on which Plant Mix Base Surfacing is in place.

PRECONSTRUCTION

F 23-1(2)7 - Miles City-South (South Section)
Length - 6.7 Miles
Design Started: May 16, 1979

A.D. Anderson, Designer III
Miles City, MT - Tel. No. 232-1093
Probable Completion Date: June 17, 1981

Preliminary plan-in-hand was held November 24, 1980. No other work was performed on this project during the past period. Four man days were used during the period, making a total of 114 man days. Design as a whole is 20% complete.

DP 447-1(4)16 - 16 Miles South of Rosebud-South (Snyder Creek-North Section)
Length - 9.1 Miles
Survey Started: January 17, 1973
Survey Suspended: January 28, 1974
Survey Resumed: January 13, 1977
Survey Suspended: March 4, 1977
Survey Resumed: January 2, 1980

R.E. Swanson, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Probable Completion Date: January 30, 1981

No work was performed on this location survey during the past period. To date, centerline and levels have been run and topography and cross sections taken on 9.1 miles or 100% complete. Plan and profile have been plotted on 8.5 miles or 93% complete. Section ties have been made on 1.0 mile or 11% complete. 569 man days have been used. The survey as a whole is 94% complete.

SR 447-1(5)0 - Rosebud-South
Length - Approx. 8.0 Miles
Survey Not Started

Field Project Manager - Unassigned

Authorization to make this survey for future plant mix surfacing overlay was issued April 17, 1980. Engineering personnel will be assigned when available.

SR 484-1(1)0 - Ashland-Otter Creek
Length - Approx. 10.0 Miles
Survey Not Started

Field Project Manager - Unassigned

Authorization to make this survey was issued March 28, 1980. Engineering personnel will be assigned when available.

M 8008(1) - Haynes Avenue (Miles City)
Length - 1.0 Mile
Survey Started: March 6, 1978
Survey Suspended: February 22, 1980

D.L. Stewart, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Probable Completion Date: January 15, 1981

All work was suspended on this location survey February 22, 1980. The Custer County Water & Sewer District recently completed placing water and sewer lines through this entire project. Some re-cross sectioning will be required. To date, centerline and levels have been run, topography taken, section ties made and plan and profile plotted on 1.0 mile or 100% complete. 112 man days have been used. The survey as a whole is 80% complete.

CONSTRUCTION

IR 94-1(45)16 U-1
Expansion Joint Replacement at Six Structure Locations in Rosebud, Custer, Prairie, and Wibaux Counties
Contract Let: November 29, 1979
Proceed Order: April 16, 1980
Amount of Contract: $160,712.00
Work Started: May 29, 1980

COP Construction Company, Contractor
Billings, Montana
W.D. Dane, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 90 Working Days
Actual Completion Date: September 30, 1980
Effective Opening Date: N/A

All items were completed in conformance with Plans, Specifications and Special Provisions September 30, 1980. Formal inspection and acceptance were made October 1, 1980. The Final Estimate, with a one-man engineering crew engaged, is currently 60% complete and will be submitted to the Division Office about December 19, 1980.

I 94-3(34)90 - Forsyth-East and West
Length - 5.7 Miles Pl. Mix Surf., Seal & Cover
Contract Let: September 27, 1979
Proceed Order: October 26, 1979
Amount of Contract: $734,778.80
Work Started: January 16, 1980

Zook Brothers Construction Co.
Great Falls, Montana
D.J. Strohmayer, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 80 Working Days
Actual Completion Date: June 11, 1980
Effective Opening Date: June 11, 1980

All items were completed in conformance with Plans, Specifications, and Special Provisions June 11, 1980. Formal inspection and acceptance were made June 12, 1980. The Final Estimate, with a one-man engineering crew engaged, is currently 90% complete and will be submitted to the Division Office about December 15, 1980.

F-TQF-DP 39-1(5)44 U-1 Colstrip to I-94 (North Section)
Length - 7.0 Miles Grad., Agg. Surf., and Plant Mix Surfacing
Contract Let: March 30, 1978
Proceed Order: April 21, 1978
Amount of Contract $2,397,998.99
Work Started: June 20, 1978

Hilde Construction Company, Contractor
Great Falls, Montana
D.J. Strohmayer, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 200 Working Days
Actual Completion Date: October 31, 1979
Effective Opening Date: September 20, 1979

F-TQF-DP 39-1(5)44 (Continued)

All items were completed in conformance with Plans, Specifications, and Special Provisions October 31, 1979. Formal inspection and acceptance were made November 1, 1979. The Final Estimate was submitted to the Division Office July 8, 1980, and is currently 92% complete.

CT 39-1(11)21 - Colstrip-Forsyth (South Section)
Length - 5.8 Miles Grading, Agg. Surf., Pl. Mix Surf. & R.R. Overpass Structure
Contract Let: August 21, 1980
Proceed Order: September 19, 1980
Amount of Contract: $4,786,063.47
Work Started: September 16, 1980

COP Construction Company, Contractor
Billings, Montana
D.J. Strohmayer, Field Project Mgr.-Roadway
W.D. Dane, Field Project Manager-Structure
Miles City, MT - Tel. No. 748-2448
Contract Time: 180 Working Days
Probable Completion Date: August 15, 1981
Effective Opening Date:

Progress during the past period has been good. 112,000 cubic yards of unclassified excavation were moved making a total of 242,000 cubic yards or 65% complete. 100,000 cubic yards of unclassified borrow have been moved or 34% complete. 259 lineal feet of R.C.P. culvert were placed making a total of 1,380 lineal feet or 29% complete. 361 lineal feet of C.S.P. culvert were placed making a total of 682 lineal feet or 49% complete. 1,224 tons of 1½" Crushed Base Course were placed making a total of 7,983 tons or 19% complete. 5,270 tons of 1" Crushed Base Course have been placed or 19% complete. 9,073 tons of Plant Mix Base, Grade 1 have been placed or 18% complete. 1,268 tons of Plant Mix Base, Grade 2 were placed making a total of 1,268 tons or 4% complete. 434 rods of fence have been erected or 42% complete. Progress on the bridge over B.N. Inc. during the period consisted of completing driving the HP 10 steel bridge piles and placing 112 cubic yards of Class DD Concrete for the footings of bents 2, 3 & 4 and the columns of bent 4. The structure as a whole is 18% complete. The project as a whole is 20% complete with 21% of the contract time elapsed. The contractor worked fifteen 8-hour shifts with 56 men employed. Construction layout with a fifteen-man engineering crew engaged is 55% complete.

RS 447-1(3)8 - 8 Mi. South of Rosebud-South
Length - 4.1 Miles Grade., Agg. Surf. & Pl. Mix Base Surfacing
Contract Let: May 3, 1979
Proceed Order: May 31, 1979
Amount of Contract: $1,241,949.83
Work Started: June 4, 1979

Wickens Bros., Contractor
Lewistown, Montana
R.E. Swanson, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 150 Working Days
Actual Completion Date: May 28, 1980
Effective Opening Date: November 16, 1979

All items were completed in conformance with Plans, Specifications, and Special Provisions May 28, 1980. Formal inspection and acceptance were made May 28, 1980. The Final Estimate was submitted to the Division Office July 31, 1980, and is currently 85% complete.

RS-TQS 462-2(3)13 - 13 Miles North of Rock Springs-North
Length - 14.3 Miles Grading, Graveling, & Drainage
Contract Let: December 13, 1979
Proceed Order: April 16, 1980
Amount of Contract: $1,697,493.02
Work Started: March 31, 1980

Wickens Bros., Contractor
Lewistown, Montana
D.L. Stewart, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 120 Working Days
Actual Completion Date: November 8, 1980
Effective Opening Date: August 27, 1980

All items were completed in conformance with Plans, Specifications, and Special Provisions November 8, 1980. Formal inspection and acceptance were made November 10, 1980. The Final Estimate, with a two-man engineering crew engaged, is currently 40% complete and will be submitted to the Division Office about January 30, 1981.

DP-BRS 566-1(3)31 - 7 Miles Southwest of Birney
Length - 178.0' Steel & Conc. Bridge
Over Tongue River & Approaches
Contract Let: December 13, 1979
Proceed Order: April 16, 1980
Amount of Contract: $416,037.97
Work Started: February 5, 1980

COP Construction Company, Contractor
Billings, Montana
W.D. Dane, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 120 Working Days
Actual Completion Date: November 17, 1980
Effective Opening Date: October 1, 1980

All items were completed in conformance with Plans, Specifications, and Special Provisions November 17, 1980. Formal inspection and acceptance were made November 18, 1980. The Final Estimate, with a one-man engineering crew engaged, is currently 90% complete and will be submitted to the Division Office about December 19, 1980.

SOS 44(3) U-2 - Hammond Valley Road
(Rosebud County)
Length - 3.5 Miles Drain, Reshape, Gravel Surface and Sign.
Contract Approved: April 4, 1980
Estimated Cost: $68,000.00
Work Started: April 11, 1980

Rosebud County, Contractor
Forsyth, Montana
R.E. Swanson, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Actual Completion Date: November 7, 1980
Effective Opening Date: June 2, 1980

All items were completed in conformance with Plans, Specifications, and Special Provisions November 7, 1980. Formal inspection and acceptance were made November 10, 1980. The Final Estimate was submitted to the Division Office November 21, 1980 and is currently 90% complete.

J. B. Randall

Jay B. Randall, P.E.,
Supr.-Div. Constr. Section

JBR:DM:wr

cc: Division File

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

LEWISTOWN, MONTANA

NOVEMBER 28, 1980

State of Montana
Department of Highways
Helena, Montana 59601

PROGRESS REPORT
DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period of November 15, 1980 through November 28, 1980.

GENERAL

The temperature varied from 51°F above to 6°F above zero with 0.02 inches of precipitation recorded. Roads are in good travel condition.

PRECONSTRUCTION

RF 14-2(01)75 Martinsdale-East & Two Dot-West
Approximate Length: Martinsdale-East 5.7 Miles
Approximate Length: Two Dot-West 7.4 Miles
Survey Started: 1/4/71

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

Martinsdale-East: Bridge Situation Survey was submitted to Helena on 9/19/73. Drainage and Irrigation Notes, including Field Recommendations were submitted to Helena on 7/18/73. Tracing Plan and Profile Linens remain 80% complete. Plotting templates on cross-sections, plotting section ties and re-designing connections to P.T.W., plotting construction limits and preliminary Right-of-Way and designing miscellaneous items are all 100% complete; plotting and finalizing summaries are 98% complete. Writing preliminary special provisions and computing preliminary cost estimates are 100% complete. The design as a whole is 49% complete with 180 man-days expended to date.

Two Dot-West: The P.I.H. was held August 31, 1977. P.I.H. changes are 61% complete. The design as a whole is 68% complete with 337 man-days expended to date. The design has been suspended pending Hydraulics recommendations.

F 57-2(2)33 Stanford-East & West
Approximate Length: 13.3 Miles
Survey Authorized: 9/28/76 & 10/24/77
Survey Started: 1/31/77
Survey Suspended: 4/6/77

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

All location and supporting data was submitted to the Division Design Section on May 30, 1980. Plotting and inking cross-sections are 100% complete. Tracing Plan and Profile Linens remain 80% complete. The design as a whole is 10% complete with 12 man-days expended to date.

HES 57-2(6)45 Windham Curve
Approximate Length: 0.5 Miles
Survey Authorized: 3/20/80
Survey Started: 3/26/80

Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work this reporting period. The survey is 100% complete with 34 man-days expended to date.

F 57-3(03)122 Winnett-West
Approximate Length: 9.3 Miles
Survey Authorized: 2/15/72
Survey Started: 11/25/74

Mitch J. Miller
Designer III
Lewistown, MOntana
Telephone: 538-8731

The preliminary P.I.H. was held June 4 and 5, 1980. Two man-days were used making P.I.H. changes for 98% complete. The design as a whole is 91% complete with 286 man-days expended to date.

RF 57-3 (01)83 Lewistown-East
Approximate Length: 8.0 Miles
Survey Authorized: 10/26/79
Survey Started: 11/19/80

Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

The original ground control survey encompassed approximately 13 miles commencing at the Lewistown city limits and progressing east. The first 5 miles of the survey have been submitted for a plant mix overlay. The ground control survey now commences at Station 281+00 and progresses east for approximately 8 miles. Twenty-two man-days were expended the past reporting period locating ground control points and the survey will progress as personnel are available. The survey is 8% complete with 22 man-days expended to date.

Design: The survey for the first 5.1 miles was submitted to the Division Design Section on 07/31/80. The P.I.H. was held 08/21/80. Three man-days were used making P.I.H. changes for 85% complete. The design as a whole is 73% complete with 42 man-days expended to date.

FR 63-1(1)0 Harlowton-North
Approximate Length: 17± Miles
Survey Authorized: 7/17/80
Survey Started: 8/18/80

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

A three to four-man crew worked eight days the past reporting period. Work consisted of cross-sectioning from Station 515+00 to Station 560+00, bench levels set and check levels run from 10.5 miles to 12 miles, centerline and reference line from 12 miles to 15 miles north of Harlowton junction of US 12 and US 191, and cross-sections plotted form Station 428+00 to Station 500+00. Twenty-eight man-days were expended making a total of 332 man-days with the location survey 62% complete.

Design: Eleven man-days were used inking cross-section from Station 0+00 to Station 400+00; plotting summaries for 10% complete. The design as a whole is 5% complete with 11 man-days expended to date.

RS 000S(68) Fergus County — Unassigned at this time
Signing Graveled Secondaries
Approximate Length: 45.5 Miles
Survey Authorized:
Survey Started:

No work on this project to date.

RS 000S(69) Judith Basin County — Unassigned at this time
Signing Graveled Secondaries
Approximate Length: 23.2 Miles
Survey Authorized:
Survey Started:

No work on this project to date.

M 7106(3) Spring Street 8th-11th - Lewistown — HKM Associates
Approximate Length: 1100.0 Feet — Consulting Engineers
Survey Authorized: 12/06/76 — Billings, Montana

Survey and field work - 100% complete. Planning and Design - 100% complete.

M 7109(1) 4th - Lewistown — HKM Associates
Approximate Length: 0.4 Miles — Consulting Engineers
Survey Authorized: 9/28/76 — Billings, Montana

Survey and field work - 100% complete. Planning and Design - 100% complete.

RS 245-1(1) Six Miles Northwest-Jordan — Charles W. Buck
Approximate Length: 8.0 Miles — Field Project Manager
Survey Authorized: 9/28/76 — Lewistown, Montana
Survey Started: 5/1/78 — Telephone: 538-8731

No work performed on this project this reporting period. All items remain as previously reported. Centerline has been re-established and is 100% complete; locating bench marks is 25% complete, 64% of the R/W 72 Authorization forms have been signed by the respective owners and returned to the Division Office. Twenty-five man-days have been expended to date with the survey as a whole about 5% complete.

RS 297-1(01)9 Hedgesville-North — Charles W. Buck
Approximate Length: 18.0 Miles — Field Project Manager
Survey Authorized: 1/31/78 — Lewistown, Montana
Survey Started: — Telephone: 538-8731

No work was performed this reporting period. A total of 17 man-days have been expended to date.

F 57-5(1)171 Sand Springs-West — Carl W. Park
Approximate Length: 8.1 Miles — Field Project Manager
Survey Authorized: 11/20/78 — Lewistown, Montana
Survey Started: 3/21/79 — Telephone: 538-8731

Transmittal of field location notes, horizontal and vertical control data was submitted to Division Construction Supervisor, W. S. Strizich, on 5/21/79. Field Survey work began 3/21/79 and was completed 5/18/79 with 202 man-days used to complete the survey.

F 61-3(2)85 Mobridge-South
Slide Correction 2.5 Miles
South Fred Robinson Bridge
Approximate Length: Unknown
Survey Started: 3/14/79

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work this reporting period. Additional checking in this area will be required on a once a month basis. Sixty-six man-days have been expended to date.

RS 294-1(02)12 Lennep-East & West
Approximate Length: 7.0 Miles
Survey Authorized: 5/24/77
Survey Started: 7/5/78
Survey Completed: 2/28/79
Survey Resumed: 10/23/80

Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

Twenty-one man-days were expended the past reporting period plotting and inking cross-sections and preparing plan and profile for the three minor construction areas. The survey is 94% complete with 102 man-days expended to date.

BR 9019(7) Musselshell River Bridge
Approximate Length: 0.4 Miles
Survey Authorized: 3/14/80
Survey Started: 6/23/80

Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

Six man-days were expended the past reporting period plotting and inking cross-sections and preparing the hardshell. The survey is 96% complete with 68 man-days expended to date.

BR 9023(4) Judith River Bridge
Approximate Length: 0.2 Miles
Survey Authorized: 3/14/80
Survey Started: 8/1/80

Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

The field work was completed on October 14, 1980. The HYD 1 Forms and other miscellaneous office work will be completed as personnel are available. The survey is 90% complete with 31 man-days expended to date.

CONSTRUCTION

F-TQF 57-4(3)130 Winnett-East and West
Grade Aggregate Surfacing, Plant Mix
Bituminous Surfacing
Length: 6.7 Miles
Contract Let: 8/24/78
Contract Amount: $1,754,797.16
Work Started: 9/25/78

Earth Builders, Inc.
Bismark, North Dakota
Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 180 Working Days
Completion Date: 11/25/80

Contractor completed seeding areas and gravel pit reclamation on 11/25/80. Subcontractor, Swan & Sons, worked one four-hour shift with two men employed. The project is 100% complete with 175 calendar days expended of the 185 days allowed. Final estimate and supporting data will be submitted to Division Construction office about 12/5/80.

F 43-1(03)3 Lewistown-North
Plant Mix Overlay
Contract Let: 1/15/79
Contract Awarded: 2/20/79
Contract Amount: $848,084.80
Work Started: 7/2/79

Earth Builders, Inc.
Bismark, North Dakota
Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Contract Time: 75 Working Days
Completion Date: 7/18/80
Effective Opening Date: 9/18/79

The project was completed on July 18, 1980 and certified complete by the Division Supervisor as of that date. The final estimate and supporting data were submitted to the Division Office on October 8, 1980.

SMP 3399-79 Various Counties
Musselshell, Fergus & Yellowstone
Maintenance Stockpiles
Contract Awarded: 10/25/79
Contract Amount: $248,715.00
Work Started: 11/29/79
Work Completed: 2/22/80

Meyer Construction Co.
Billings, Montana
Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 75 Working Days

Contractor completed crushing and stockpiling Maintenance Stockpiles in Fergus County 12/23/79, Musselshell County 2/11/80 and Yellowstone County 2/22/80. Fifty working days were exended on the 77 days allotted. All work is complete except for gravel pit reclamation which will be completed when weather conditions are satisfactory. Final extimate and supporting data were submitted to the Division Office on 2/29/80 and will be submitted to the Construction Bureau 12/30/80. Pit releases have not been received.

RS 310-2(1)35 Musselshell-South
Plant Mix, Bituminous Surfacing,
Seal & Cover
Contract Let: 1/31/80
Contract Awarded: 2/4/80
Contract Amount: $748,871.60
Proceed to Work Date: 4/16/80
Work Started: 4/16/80

Meyer Construction Company
Billings, Montana
Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 90 Working Days
Probable Compl. Date: 5/30/81

All work on the project is complete with the exception of seeding in urban section and gravel pit reclamation. Contractor advises they will begin seeding operations next week if weather conditions are satisfactory. The project as a whole is 99% complete with 50% of the contract working days expended. Final estimate and supporting data will be submitted to Division Office when seeding requirements are completed.

SR 238-1(2)0 Lewistown-South
Plant Mix Overlay
Contract Let: 5/22/80
Contract Awarded: 5/28/80
Contract Amount: $365,222.06
Work Started: 7/28/80

James Kraus, Contractor
Great Falls, Montana
Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Contract Time: 60 Working Days
Probable Compl. Date: 6/30/81
Effective Opening Date: 10/8/80

SR 238-1(2)0 Lewistown-South continued...

The contractor seeded the project on November 1, 1980 which completed all work on the project with exception of seal and cover which will be applied in the spring of 1981. The project remains 88% complete with 62% of the contract time elapsed. Construction layout remains 85% complete with no personnel assigned to the project.

PMS 4140(57) Epoxy Pavement Marking
Contract Awarded: 5/28/80
Contract Amount: $170,601.20
Work Started: 7/22/80
Work Completed: 9/15/80

Century Fence Company
Waukesha, Wisconsin
Various Field Project Managers
Contract Time: 45 Working Days
Effective Opening Date: N/A

The project is 100% complete with 89% of the Contract Time elapsed. Final documentation is being checked in the Lewistown Division Office. Final will be submitted to the Construction Bureau 12/05/80.

PMS 4140(58) Statewide Striping
Contract Awarded: 5/28/80
Contract Amount: $355,384.28
Work Started: 7/7/80
Work Completed: 9/10/80

Mark Rite Line, Inc.
Billings, Montana
Various Field Project Managers
Contract Time: 75 Working Days
Effective Opening Date: N/A

All work was completed on the subject project September 10, 1980. Fifty-one working days of the seventy-five working days allotted for the project were used for 68%. One engineering person is assigned to the project.

SMP 1799-80 Maintenance Stockpiles
Garfield & Musselshell Counties
Contract Awarded: 8/28/80
Contract Amount: $180,030.00
Proceed to Work Date: 9/19/80
Work Started: 9/11/80

Wickens Brothers
Lewistown, Montana
Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 60 Working Days
Probable Compl. Date: 5/15/81

The contractor worked seven 9-hr. shifts with six men employed. 14,100 Tons of 1/2" TACTS material were crushed and hauled to Musselshell County gravel pit stockpile area for a total to date of 18,000 tons, making this stockpile 100% complete. Material has been crushed at Garfield County pit area and present plans are to begin hauling the crushed gravel to the stockpile site the first week in December. The project as a whole is 85% complete with 62% of the working days expended. Two engineering personnel are assigned for inspection and supervision.

Respectfully submitted,

W. S. Strizich

W. S. Strizich, P.E., Supervisor
Division Construction Section

WSS:JHP:jlw

cc: Field Project Managers
Design Section
Lab

DIRECT PARTICIPATION
FEDERAL HIGHWAY ADMINISTRATION
November 6, 1980

As of November 6, 1980

MONTHLY PROGRESS REPORT
DIRECT FEDERAL CONSTRUCTION
MONTANA

PROJECT	LOCATION	LENGTH	TYPE WORK	PERCENT TIME USED	% WORK COMPLETED AND ESTIMATED COMPLETION DATE	CONTRACTOR AND CONTRACT AMOUNT
PHP 13-3(3)	Columbia Falls - Glacier Park Highway	0.441	Grade, Surface and Railroad Bridge	100%+	95% (Spring 81)	COP Construction Company $1,404,786.00
PHP 13-3(4)	Columbia Falls - Glacier Park Highway	3.194	Grade, Surfacing, Two Bridge	49%	67% (7/01/82)	Murphy Brothers Inc. $7,923,163.00
OM-AD 18(6)	Malmstrom AFB Missile Road	52.510	Surfacing	58%	73% (12/30/80)	McIntyre Construction and Birch $665,040.00
OM-AD 18(7)	Malmstrom AFB Missile Road	7.50	Surfacing	0%	0% (12/31/80)	Konitz Contracting $82,345.00